THE STUDY OF CONSUMER’S BRAND CHOICE DECISION FOR QUICK SERVICE RESTAURANT (QSR) IN YANGON, MYANMAR FOCUSING ON FAST FOOD BRANDS (KFC, PIZZA HUT \& SEASONS)

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This Independent Study Manuscript Presented to The Graduate School of Bangkok University in Partial Fulfillment of the Requirements for the Degree
Master of Business Administration

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## This Independent Study has been approved by the Graduate School Bangkok University

Title: THE STUDY OF CONSUMER'S BRAND CHOICE DECISION FOR QUICK SERVICE RESTAURANT (QSR) IN YANGON, MYANMAR FOCUSING ON FAST FOOD BRANDS (KFC, PIZZA HUT \& SEASONS)

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April 2, 2016

Phyo, L. Y. W. M.B.A, February 2015, Graduate School, Bangkok University. The Study of Customer's Brand Choice Decision for Quick Service Restaurant (QSR) in Yangon, Myanmar focusing on fast food brands (KFC, Pizza Hut \& SEASONS) ( 96 pp .)

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## ABSTRACT

Quick service restaurant (QSR) industry has been developing rapidly throughout the world. Today, the business is grossly illustrated by the rapid transformation caused by the relentless increase in the market globalization. Food is a key part of many cultures in Society. People cannot run away from food to sustain life and growth. Food choices while influenced by taste and nutritional value are also typically influenced by past experiences, many of which are social in nature. Food and eating behaviors of people are closely related with culture and life style.

The survey research used the questionnaires as an instrument to collect the data information. The target population this study is customers of KFC, Pizza Hut and SEASONS which are located in Yangon, Myanmar with the age of 15 to 60 years old in both gender of male and female and all nationalities and sample size is 414 .

According to the results, consumer behavior, brand equity and marketing mix factors are strongly influence in making decision for fast food restaurant. This independent study provides the suggestion for the culture of country, Myanmar, and hope that can help somehow when making decision for fast food business in Myanmar for marketing strategy according to the references.

Keywords: Quick Service Restaurant, Brand Choice Decision, Yangon, Myanmar.

## ACKNOWLEDGEMENT

I would like to express my sincere appreciation to my advisor, Dr. Sumas Wongsunopparat for his constant guidance and encouragement of this research. Without his support, this work would not have been possible. For his motivation and suggestion, I am truly grateful being his student. Beside my advisor, I would like to thanks all professors of MBA International Program for giving knowledge and encouragement. I am deeply indebted to my parents and brother for their supports to me.

This Independent study is from selected topic, planned questionnaire, and choice SPSS model to analyze the respondent's data. I sincerely thanks to all participants who delicate to answer my survey questionnaires. This study would not have been possible unless many support from my friends from Myanmar who has provided all the right information and assisted to me in many ways.

I would also like to thanks to all my classmates for helping me to solve some problem and being with me in these years and staffs of Bangkok University for their encouragement and moral support which made my stay and studies in Thailand more enjoyable.

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## CHAPTER 1

## INTRODUCTION

This research is about study of Consumer's Brand Choice Decision for Quick Service Restaurant (QSR) in Myanmar by focusing on the three brands (KFC, Pizza Hut and SEASONS). The statement of problem is established as per following purposes of this study. In this chapter, background of study, the important of study, research objective and Assumption, scope of study and limitation of research are provided as below.

### 1.1 Background

The development of fast food is one of the effective businesses currently because the quick service restaurant (QSR) industry has been developing rapidly throughout the world. Today, the business is grossly illustrated by the rapid transformation caused by the relentless increase in the market globalization (Kotler et al., 2003) High technology and digital news may dominate our attention globally, but no matter where you go, people still require to eat food every day. Food is a key part of many cultures in Society. People cannot run away from food to sustain life and growth. Everybody depends on a continuous supply of calories and nutrients when they obtained their food. All of us have to obtain food at one time or another for comfort to help us cope with stressful experiences to control our emotions and to satisfy desires. Food choices while influenced by taste and nutritional value are also typically influenced by past experiences, many of which are social in nature. Food and eating behaviors of people are closely related with culture and life style. There is a strong relationship between memory and food, for example, the taste, smell and texture of food can trigger memories of earlier food- related events and activities in our lives. These relations may even provide comfort during times of sadness or sorrow. There is no question that food plays a major role in life. Consumer purchasing behavior is a sum total of a consumer's manner, favorite, intentions, and choice
according to the consumer's behavior in the marketplace when purchasing a product or service.

Myanmar

Myanmar is also known as Burma, located in Southeast Asia and boundary with Bangladesh, India, China, Laos and Thailand. The current population of Myanmar is 53.7 million. Myanmar has 135 distinct ethnic groups with 108 languages. The majority of people are Buddhism. Myanmar is the second largest country in Southeast Asia and world's $40^{\text {th }}$ largest country. Yangon is the largest city and Naypyidaw is the capital city. Country is rich with the natural resources of jade and gems. They have oil, natural gas and mineral resources. There are three main seasons in Myanmar; cold season, hot season and rainy season. Myanmar is one of the mysterious countries in South East Asia and because of its cultural and geographical diversity has retained much of its historic and unique character. Discover the great attractions in Myanmar and the country's wonderful uniqueness. Myanmar is also one of the poorest and most isolated countries under the military dictatorship, for over 50 years ago.

After analyzing the market of Myanmar, it is very clear that quick service restaurant business in Myanmar are very well and growing up through Myanmar is poor developing country, it is opportunities for our business and we can expend well if we can provide better service and good quality. Myanmar has been receiving a lot of attention in recent years so that a lot of Global companies have been lining up to take advantage of an underpenetrated market in Myanmar. Many opportunities are related industries such as: Food Industry, Telecom Industry, Building and Construction Industry, Hotel and Tourism Industry and Manufacturing Industry. Because of the government's movement to start open the country's economy; this study will investigate the consumer's perception of KFC, Pizza Hut and SEASONS in Yangon, Myanmar.

## KFC

KFC is one of the most popular fast-food chains to expand internationally, opening channel in England, Mexico and Jamaica by the mid-1960. During 1970 and 1980, KFC practiced mixed success domestically, as it went through a series of amendment in business ownership with little or no experience in the restaurant business. In the early 1970s, KFC was sold to the spirits distributor Heublein, which was taken over by the R.J. Reynolds food and tobacco conglomerate, which later sold the chain to PepsiCo. The chain continued to develop overseas, and in 1987 KFC became the first Western restaurant chain to open in China.

In 1997, PepsiCo spun off its restaurants division as Tricon Global Restaurants, which changed its name to Yum! Brands in 2002. Yum has proved a more focused owner than Pepsi, and although KFC's number of outlets has declined in the US, the company has continued to grow in Asia, South America and Africa. The chain has expanded to 18,875 outlets across 118 countries and territories, with 4,563 outlets in China alone, KFC's largest market. According to a survey of Myanmar market analysis, KFC is one of the several western brands to enter the Myanmar market since the end of 2011. There is only one KFC restaurant in Yangon, Myanmar and a lot of customers for Kentucky Fried Chicken (KFC) are waiting to have another new brunch of KFC restaurant. Most customers had a positive review so that Myanmar has huge potential with a population of more than 50 million for KFC restaurant in Myanmar.

Pizza Hut

Pizza Hut is a one of the successful company that has operated many important marketing and business strategies to achieve success. Pizza Hut is a subsidiary of Yum Brands, which also owns Kentucky Fried Chicken, the world largest restaurant company and other international Brands such as Taco Bell. Pizza Hut has 25 restaurants for every million people in the US. In Asia we have 11 restaurants per million people. Most of the consumers in Myanmar have brand awareness with Pizza Hut brand so that Myanmar has huge potential with a population of more than 50 million for Pizza Hut restaurant in Myanmar.

## SEASONS

SEASON is one of the most famous local bakeries \& café shop in Myanmar and it is also a quick service restaurant providing a lot of variety of products such as cakes, bread, soft drinks, cold drinks and hot drink. It is famous for the product of cake for birthday and offering order for cakes for their customers with much kind of variety products. SEASONS Bakery restaurant open together with every City Mart, the bakery has a wide selection of bread and cake. The quality of food is good enough and the prices are quite reasonable.
1.2 Research Objectives

The research will try to find out how to provide to get customer satisfaction and how to enhance the value of the company. What is our effectively target customers and also how to improve products and services and how customers view our products versus our competitors' products. The research also tries to find out how many times throughout the day do people make to buy product and also for the study of customers satisfactions on their purchases.

### 1.3 Purpose of Study

There are three main purpose of study in this research.

First, product, place, promotion, price, process, people and physical evidence have an impact on the customer's satisfactions on their purchases.

Second, how brand equity is important to influence on sales, maintain customer's choices and market expands.

Third, to identify the elements of customer buying behavior and customer's life style are effecting on their making decision.

### 1.4 Scope of Study

This research considered the relationship between customer satisfaction and brand choice decision for quick service restaurant in Yangon, Myanmar area. The
author used the questionnaires as an instrument of survey and defined the scope of the study as follow:

### 1.4.1 Scope of Content

The author identified in this study with the category of descriptive research which studies the factors - product, price, place, people, process, promotions, physical evidence, brand, behavior and life style of quick service restaurant in Yangon, Myanmar. The scope of this study aims to get the individual's perception and acceptance according to their life style and behavior to help in analyzing consumer brand choice decision toward to the three quick service restaurant KFC, Pizza Hut and SEASONS in Yangon, Myanmar.

### 1.4.2 Scope of Demographic, Sample and Location

The author identified population and sample as customers from KFC, Pizza Hut and SEASONS Café which are located in Yangon, Myanmar with the age of 15 to 60 years old in both gender of male and female and all nationalities.

### 1.5 Limitation of Research

This study has limitation with short period of time and low budgets. In this study, the limitation area is in specific area, Yangon, Myanmar. The result of this study cannot be applied to the other food industries because this study is focusing on the brands of KFC and Pizza Hut and SEASONS. But this study will provide the benefit for QSR players in the market in order to improve the product and service. The data can assist to forecast the consumer brand choice behavior according to the country of Myanmar.

### 1.6 Research Question

The major purpose of this study is to inspect consumer brand choice decision for quick service restaurant in Myanmar. In detail, study the basic factors that are influencing the choice of customers for quick service restaurant such as price, taste , packing design, quality of food, convenience area, promotion program, processes time , service skill, communication situation, quality, nature of consumer buying behavior
and life style and tell the differences among the consumers decisions of KFC, Pizza Hut and SEASONS.

The research questions are,
$\checkmark$ About demographic information such as Gender, Age, Occupation, Religion
$\checkmark$ Which factors affecting on your decision for making decision for fast food restaurant?
$\checkmark$ And how are marketing mix factors affecting on your decision in choosing the restaurant?
$\checkmark$ How is the brand equity effecting in your brand choice decision?
$\checkmark$ What is the difference among the consumer profile of KFC, Pizza Hut and SEASONS.
$\checkmark$ How often do you go to fast food Restaurant?
$\checkmark$ How often do you take fast food?
$\checkmark$ What is the most suitable time to go to fast food restaurant?
$\checkmark$ What is the most attractive promotion program for you in purchasing fast food?
$\checkmark$ What is the main problem that you face in Quick service restaurant?
1.7 Independent Study Outline


Figure 1.1: Independent Study Outline.
Chapter 1 - In this chapter, the author briefly illustrated introduction and background related to the subject of this research which is service and quality, customer satisfaction and brand equity and consumer buying behavior and life styles. In this chapter, the author described about research objectives and purpose of this study. The scope and content of this study and Demographic information also illustrated in this chapter. Research limitation and research question are mention and described clearly in this chapter.

Chapter 2 - In this chapter, the author provided the Literature review and theoretical foundation of this study. The literature reviews and analysis are related to marketing mix factors, customer decision for fast food and brand equity. The connection between the customer's behavior and theories and frame work are also presented in this chapter.

Chapter 3 - In this chapter, the author presented research strategy and methodology for this study. Methodology is for analyzing the data research and provide about data collection.

Chapter 4 - In this chapter, the author presented the result and analysis of the data collection of this study. This analysis data are calculated by using the framework from the second chapter and method given in the third chapter.

Chapter 5- In this chapter, the author presented about the conclusion of this study about what is done in this all chapters. The author gave opinions and related research in this chapter.

## CHAPTER 2

LITERATURE REVIEW

This chapter of literature review examines how consumer picks up the product according to their decision and the consumer's perceptions of apparel products on their brand choice decision making. In order to provide an understanding of the consumer behaviors, natures and life styles in the market, it is important to learn by Literature review. The second section includes the importance of brand and brand equity that affects individual purchase. The purpose of the study is to exam the consumer's preference and perception toward the quick service restaurant in Bangkok. The study purposed to study the factors influence the consumer choice of QSR in Yangon, Myanmar, in the relationship with demographic variable. The author mentioned these following factors for this chapter with details;

- Marketing mix and consumer brand choice decisions
- Brand Equity
- Consumer Behavior
- Consumer Brand Choice Decision and Perception
- Choice Theory
- Hypotheses
- Theoretical Framework
2.1 Marketing Mix


### 2.1.1 Product

Product is the thing or service of an industry creates on a large scale in a specific volume of units. Product can be tangible and intangible. All of the products need to meet demand of customers. The key for product is to know the problem or put the feature of goods or service and unique point of product for consumers. (Entrepreneurial insight", 2015). Fast food products are wide range of food commentary, including not only the heavy fast food such as burger, pizza, chicken, sandwich, but also light fast food as doughnut, premium, sandwich, ice- cream and
soft drink etc. In this study, the author will focus in three top brands in Yangon, Myanmar and the products and its popular dishes are as following.

Table 1: Popular dishes of top 3 brands KFC, Pizza Hut and SEASONS

| Products | Popular dishes |
| :--- | :--- |
| KFC | Chickens <br> Burgers <br> Flavors and snacks <br> Toasted wraps <br> Box Meals <br> Krushers (drinks) <br> Rice bowlz |
| Pizza Hut | Pizzas <br> Sides <br> Drinks <br> Desserts <br> Deals |
|  | Breads |
| Cakes |  |
| Drinks |  |
| Flavors and snacks |  |
| Salads |  |

### 2.1.2 Price

Price is the amount or cost of the good. The price is the most important factor for marketing. The price of a product or service is determined by all factors that an organization invests during the preparation of the product. For instance material costs, market share, product identity etc. The price of a product may go up or go down depending on time and the price of a certain product may vary because of market developments.

### 2.1.3 Place

Place represents the location where the customers can get this product or service. It is possible that the product is not available in all locations but only in a certain selection of locations. Distribution channel is also one of the essential one in place matter.

### 2.1.4 Process

Process is creation and delivery of components of product through the process of well planning. Time is a key strategy for the service and efficiency of services. Therefore, the process of good service should be quick and efficient in delivering. Included easy to operate, So that staff is not disrupted in working. Thus, staffs will work correctly at the same pattern and has been more efficient and better quality.

### 2.1.5 Promotion

Promotion includes all the efforts the company creates to stimulate the popularity of their product in the market, for instance by advertising, promotional programs, etc. It is a communication process to obtain the target markets. Marketing promotions are the way to let customers know about the products information. The objective of market promotion is to tell the customer that the product is released into the markets already and trying to persuade customers to buy and remind the customers about their brand. The promotion need to study to the communication process to understand the connection between the seller and buyer.

### 2.1.6 People

People can be considered as staffs who give good services for the organization. Customer adjusted in practicing its business; setting the customer at the main point of business activities (Drucker, 1968; Zeithaml et al., 1985; Narver and Slater, 1990; Deshpande` et al., 1993; Slater and Narver, 1994; Chang and Chen,

1998; Doyle, 1999). As shown in table (1), seven items were used to operationalize this construct

### 2.1.7 Physical Evidence

Physical Evidence can be considered as service or appearances as the total to which a service organization interested in creating a customer friendly atmosphere in their running environment (Booms and Bitner, 1981; Bitner, 1990, 1992; Kasper et al., 1999).
2.2 Brand Equity

Brand equity was traditionally measured at the level of consumer goods (Netemeyer et al. 2003, Yoo and Doonthu 2001, Vazquez et al. 2002, Lehmann et al. 2008, Martensen and Gronholdt 2004). According to Farquhar (1989), brand equity is the added value endowed by the brand to the product. Blackstone and Max (1992) further explained that brand equity assets create value in a variety of very different ways. In order to manage brand equity effectively and to make informed decisions about brand building activities, it is important to be sensitive to ways in which the strong brands create value.

Aaker recognized brand equity components with five factors ; (1) brand loyalty (2) brand awareness (3) perceived quality (4) brand associations and (5) other proprietary assets. Aaker pointed out brand equity as the set of brand assets and liabilities connected to the brand name and symbols that add value to, or subtract value from a product or service. These assets include brand loyalty, name awareness perceived quality and associations. (Aaker, 1991).

## David Aaker's Brand Equity Model



Figure 2.1: David Aaker's Brand Equity Model
Source: Keller, K. (2008). Strategic Brand Management. UK, Managing Brand Equity

According to American Marketing Association, brand is a "name, term, sign, symbol, or design or a combination of them, intended to identify the goods and services of one sellers and to differentiate them from those of competition" (Keller, 2008). Brand is a kind of symbol that customer takes to distinguish one product from another. Generally, buyers use brand name to make judgments and decision about quality and value of the product. The crucial purpose of brands and brands name are to provide symbolic implications that help assist the buyer in the recognition of
product during decision-making process (Herbie and Milewicz, 1995). As per Ogilvy (1983), brands represent strong symbols of significance for consumers. And the brand that each individual chooses usually reacts the personality and forms a part of the figure that is exhibited in the society. Donrachai Boonyaratavej, CEO of Providence Health Rutter (2546, p.127) gave meaning about branding that Brand is the experience of consumers from the brands offered include other communications such everything issued from brand.

## Customer-Based Brand Equity Pyramid



Figure 2.2: Brand Equity Model

### 2.2.1 Brand Loyalty

Brand Loyalty is a consequence of consumer behavior and is affected by a person's preferences. Loyal customers will consistently purchase products from their preferred brands, regardless of convenience or price. Brand loyalty has gained significant consideration from marketing over the past three decades (e.g., Backman \& Crompton, 1991; Chaudhuri \& Holbrook 2001; Westbrook, 1987). Jacoby and Chestnut (1978) described brand loyalty as an outcome of the decision-making
process. Oliver (1997) described brand loyalty as "a deeply held commitment to repurchase or re-patronize a preferred product or service consistently in the future, despite situational influences and marketing attempts having the potential to cause switching behavior" (p. 34). Brand loyalty has been calculated from both attitudinal and behavioral views (Back, 2005; Dick \& Basu, 1994). These two perspectives describe favorable attitudes toward and repeat patronage of a brand or store over time, respectively. Back (2005) argued that brand concept in the hospitality industry should focus on the attitudinal component.

Affective loyalty describes emotional preference for a brand (e.g., acceptable, favorable, satisfy, etc.). Emotional preference is based on an established relationship between customer and brand, and a favorable attitude is generally a result of satisfactory experience (Harris \& Goode, 2004). Pike and Ryan (2004) described the emotional models associated with affective loyalty as satisfaction, preference, cognitive consistency, and so on

Brand loyalty indicate that customers persist on buying the same brand the next time, they need to buy this product again without any reason or stimulation ( Hu , 2006; Bloemer and Kasper,1995). Many studies have been analyzed how to measure brand loyalty, e.g, Dick and Basu, 1994; Jones and Sasser Jr., 1995,but it still depends on the research object to decide which measurement is suitable. Among those, Jones and Sadder Jr.(1995) used three major categories to analyze the measurement of loyalty, which is regard as to be applied in this research as the measurement for brand loyalty:

### 2.2.2 Brand Awareness

Brand awareness is related to the functions of brand identities in consumers' memory and can be reflected by how well the consumers can identify the brand under various conditions.(Aaker, 1996). Brand awareness includes brand recognition and brand recall performance. Brand recognition refers to the ability of the consumers to correctly differentiate the brand they previously have been exposed to. This does not necessarily require that the consumers identify the brand name. (Aaker, 1991).

Brand awareness is one of the main crucial issues for consumers when assessing products (Aaker.1991). The importance of brand awareness has been discussed a great in previous Literatures, e.g Simon(1970), Shimp and Bearden (1982), Rao and Monroe(1988) and Hoyer and Brown (1990). From Keller's model (Figure 3), brand awareness consists of brand recognition and brand recall performance. Brand recognition requires that consumers can correctly distinguish the brand as having been previously seen or heard (Keller,1993). Aaker (1996) indicated that brand awareness could influence consumer's perceptions and attitudes, as well as drive the choice and loyalty of a brand.


Figure 2.3: Brand Awareness

### 2.2.3 Brand Familiarity

Brand familiarity is a construct that is directly related to the amount of time that has been spent processing information about the brand, regardless of the type or content of the processing that was involved. Thus, brand familiarity is the most rudimentary form of consumer knowledge. Wright and Barhour (1975) list three stages of a consumer decision- defining the pool of alternatives reviewing relevant information in memory and applying a decision rule. Brand familiarity may directly mediate choice behavior through brand preference formation. The first of these processes is the exposure effect which is directly related to Zajonc's (1986) more exposure hypothesis. The second to these processes is the frequency effect which is derived directly from the automatic frequency counting mechanism proposed by Hasher and Zacks (1984).
(1) Brand familiarity generates a positive useful response to the brand that needs no effort information processing only brand perception.
(2) Brand familiarity can directly mediate choice behavior, but only when mediators which is the product of higher level information (i.e. performance attributes) are not available or cannot discriminate between brand alternatives.

### 2.2.4 Brand Reputation

Brand Reputation is a discipline separate from that of traditional branding campaigns. Brand Reputation recognizes that due to increased transparency and access to information, 'traditional branding' whether through mission statements, marketing or affiliations can easily be verified and evaluated. Thus reputation plays an increasing role in keeping organizations honest and forcing them to take actions, rather than simply making public statements.

### 2.2.5 Brand Quality

Brand quality is studied widely since 20th century due to its significant in construction of brand equity. According to the increase of competitive world marketplace, companies need to have a deeper approaching into customer behavior
and instruct consumers about the brand in order to develop effective marketing strategies. The brand perceived quality is the customer's decision about a product's overall fineness that is different from objective quality (Zeithaml 1988, p. 3 and 4). Brand quality refers to the industrial, measurable and verifiable nature of products/services, processes and quality controls. High quality does not necessarily apply to brand equity ( Anselmsson et al., 2007).

### 2.3 Consumer's Brand Choice Decision

According to the Branding and brand-based differentiation, there is a creation of competitive advantage that are influencing on customer decision. Many researchers examined differences in how consumers distinguish and estimate brands, for example, through investigating brand equity (Keller, 1993; McQueen, Foley, and Deighton, 1993), brand personality (Aaker, 1997; Plummer, 1985) and brand extensions (Aaker and Keller, 1990; Nakamoto, Maclnnis, and Jung 1993). Moreover, researchers have noticed that consumers diverge not only in how they perceive brands but also in how they are relating to brands (Fournier, 1998; Muniz and O’ Guinn, 2001). Increasingly brands are seen as significant in creating recognition, a sense of achievement, and identification for consumers. They have become "part of view social protocol where the identity and self-worth are established by the visible brands on the body" (Husic and Cicic, 2009). According to Belk (1988), the purchase of objects presents customers a mean of investing in self; therefore brands strive to elicit strong, positive relationship with their with their target consumer" (Knight and Kim, 2007). Consumer purchase behavior consist mental action, emotional and physical that people use during selection, purchase, use and dispose of products and services that satisfy their needs and desires (Kotler, 1999).

### 2.3.1 Consumer Behavior

Consumer behavior is identifying as performance of people when they are obtaining, and purchasing products and services (Blackwell \& Miniard, 2001, p. 24). The nature of consumer behavior is the study of customer's responses to products, services, and the marketing of products and services (Kardes.R.Frand, 2e, 2002, p.5). Behavioral rates have defined loyalty by the progression of purchases and /or the
proportion of buying rate. Consumers are loyal to stores just as they are to brands (Rober B Jared, 5e, 1995, P.34). To realize the consumers and why they make the choices they do, consumer researchers investigate a broad range of human reaction, including influences (feelings), cognitive (thoughts) and actions (Kardes, 2002, p.5). Consumer behavior can be separated as four types of according to consumer choice based on the level of participant and making decision: complex decision making, brand reliability, limited decision creation, and inertia. (Rober, 1995, p. 105).

Consumer behavior is a tool to complete objectives and target consumer draw from their needs and desires. (Wilke, 2000). Consumer behavior is a process: Consumer behavior, including the selection, purchase and consumption of goods and services that include elimination of three steps before buying activities, purchasing activities, activities after purchase. ( Rostami, 2001). Consumer behavior includes different functions. Consumer behavior is different with different people because people have different ideas and different needs, so their behavior is different. And the difference consumer behavior make predict consumer behavior more difficult, to resolve this problem can categories the market. (Abbasi \& Torkamani, 2010)

### 2.3.2 Consumer's Buying Decision Process

Consumers always have choices and they can purchase different products. These differences of the products are because of that different buying decisions buying process consists of several steps in Figure 1 (taken from the site abercrombie.com) presented. Consumers to purchase some goods don't need to pass during all stages of the buying decision. However, some purchases are so important that the consumer is forced to do all these steps carefully and meticulously. (GilaniNia, 2010) These steps include:
(1) Identify the problem: The first step of the decision-making process is that customers can see the difference between current and desired situation, so trying to determine these differences.
(2) Data collection: For determining this problem collects sequence. This information can be internal (experiences) and external (family, exhibits, etc.)
(3) Assessment Options: After assembling information, the consumer is ready to make own decision. At this point, he or she should be able to calculate different options and decide products that gather the demands
(4) Purchase: This step is the step that all marketing decision is come out. Consumer at this stage, according to the information already obtained, Select a product that give satisfy his or her need and buys it.
(5) After purchase behavior: Consumer compares the purchased product with ideas, competitors, perceptions and anticipations of the product and satisfaction and dissatisfaction, which may come out various reasons.


Figure 2.4: General model of consumer behavior

### 2.4 Choice Theory

Choice Theory is stand on the statement that all behavior describe the individual's regular effort to satisfy one or more basic natural needs. Accepting this idea needs an example on the part of those people who view life according to stimulus -response theory. From this stimulus-response outlook, behavior is caused by someone or something outside the person; the action following is a reply to that stimulus. According to the choice theory model, people outside us never stimulate us to do something. For example, we answer the phone because we decide to do for communication, not because we respond to the ring. We stop when we see the red light because we decide to keep away from risking an accident, not because the light turned red, When we repeat a choice that is reliable satisfying, we do less and less reflection in making that choice. Even our quick actions are chosen and not automatic. The basic needs of people to fulfill their biological destiny are

1. needs to survive
2. needs to belong
3. needs to gain power
4. needs to be free and
5. needs to have fun

Even though human being may not be fully alert of their basic necessaries, they study that there are some general condition that strongly communicate to the way they feel. To satisfy the basic requires, a person must behave. This means thinking, moving feeling and engaging the body. To satisfy needs, people must be able to know what is happening around them and then be able to do something on that information. There are main four elements of general factors for total behavior. These are

1. Doing (such as; running, eating, etc...)
2. Thinking (such as: realizing, amazing, etc...)
3. Feeling (such as; missing, loving, etc....)
4. Physiology (such as; being hungry, sweating, etc...)

According to the Choice theory, people always have power over the action element of behavior, if they change that element; they cannot avoid changing the thinking, feeling and physiological components as well. To get their requires met helpfully, people must realize that they always have power over the doing component
and can decide to do something more valuable than being dejected. (Donna K , Crawford, Richard Bodine, \& Robert Hoglund, 2008)

## CHOICE THEORY - WHY AND HOW WE BEHAVE



Developed by J. Thomas Bellows, Ph.D. from "Chart Taik" by Dr. Wimiam Glasser, (2000)-2003

Figure 2.5: Choice Theory Block Diagram

### 2.5 Hypothesis

* $\mathrm{H}_{\mathrm{o}}$ : Product does not influence consumer's brand choice for QSR in Yangon,

Myanmar.

* $\mathrm{H1}_{\mathrm{a}}$ : Product significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H1.1. : Packing does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H1.1 $1_{\mathrm{a}}$ : Packing significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H1.20: Quality does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H1.2a: Quality significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H1.3.: Taste does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H1.3a: Taste significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
$\mathrm{H} 2_{0}$ : Place does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* $\mathrm{H}_{\mathrm{a}}$ : Place significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H2.10: Convenience area does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H2.1a: Convenience area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H2.2 ${ }_{0}$ : Downtown area does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H2.2a: Downtown area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H2.3 ${ }_{\text {o: }}$ Suburb area does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H2.3a: Suburb area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* $\mathrm{H}_{\mathrm{o}}$ : Promotion does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* $\mathrm{H3}_{\mathrm{a}}$ : Promotion significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H3.1 : Discount does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H3.1a: Discount significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H3.2. Special Menu does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H3.2a: Special Menu significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H3.30: Gift Vouchers does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H3.3a: Gift Vouchers significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* $\mathrm{H} 4_{\mathrm{o}}$ : Price does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* $\mathrm{H}_{4}$ : Price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H4.1 $1_{0}$ : Fair Price does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H4.1a: Fair Price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H4.2。: Special Price does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H4.2a: Special Price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H4.30: Order Price does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H4.3 a: Order Price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* $\mathrm{H} 5_{\mathrm{o}}$ : Process does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H5 a : Process significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H5.1. : Waiting time does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H5.1a: Waiting time significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H5.2. Delivery time does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H5.2a: Delivery time significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H5.3. Serve quickly does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H5.3a: Serve quickly significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* $\mathrm{H6}_{\mathrm{o}}$ : People do not influence consumer's brand choice for QSR in Yangon, Myanmar.
* $\mathrm{H6}_{\mathrm{a}}$ : People significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.
* H6.1 ${ }_{\mathrm{o}}$ : Service Skill does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H6.1a: Service Skill significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H6.20: Staff's Hospitality does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H6.2a: Staff's Hospitality significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H6.3. Well Communication does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H6.3a: Well Communication significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H7 : Physical Evidence does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H 7 a : Physical Evidence significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H7.1 ${ }_{0}$ : Variety of food does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H7.1 : Variety of food significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H7.20: Cleanliness does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H7.2a: Cleanliness significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H7.30: Restaurant Design does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H7.3a: Restaurant Design significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H8 : Brand Equity does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H8 : Brand Equity significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H8.1。: Brand Loyalty does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H8.1a: Brand Loyalty significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H8.20: Brand Awareness does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H8.2a: Brand Awareness significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H8.3. Brand Familiarity does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H8.3a: Brand Familiarity significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H8.40: Brand Association does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H8.4a: Brand Association significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H8.5. Brand Quality does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H8.5a: Brand Quality significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H9 ${ }_{0}$ : Life Style and Behavior do not influence consumer's brand choice for QSR in Yangon, Myanmar.

H9 a : Life Style and Behavior significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

* H9.1。: Social Class does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H9.1a: Social Class significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H9.2. Economic situation does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H9.2a: Economic situation significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H9.3: Motivation does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H9.3a: Motivation significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H9.40: Purchase Behavior does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H9.4a: Purchase Behavior significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
* H9.50: Self-Confidence does not influence consumer's brand choice for QSR in Yangon, Myanmar.
* H9.5a: Self-Confidence significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.
2.6 Theoretical Framework

Marketing Mix 7 ps

Product

- Packing of food
- Quality
- Taste
$>$ Place
- Convenience area
- Downtown
- Suburb
> Promotion
- Discount
- Special menu
- Gift Vouchers

Price

- Fair price
- Special Price
- Order Price

Process

- Waiting time
- Delivery time
- Serve quickly
> People
- Friendliness
- Politeness
- Well Communication
> Physical Evidence
- Variety
- Cleanliness
- Shop Design

Demographic

Social Class
$>$ Economic Situation
$>$ Motivation
$>$ Purchase Behavior
Life Style

Gender
$>$ Age
$>$ Occupation
$>$ Religion

## Brand Equity

> Brand Loyalty
$>$ Brand Awareness
$>$ Brand Familiarity
$>$ Brand Reputation
> Brand Quality

Customer's Brand Choice
Decision for Quick Service Restaurant (QSR) in Yangon, Myanmar focusing on fast food brands (KFC, Pizza Hut and SEASONS)

Figure 2.6 "Theoretical Framework"

## CHAPTER 3

## RESEARCH METHODOLOGY

This chapter comprises a brief of the research methodology applied in this assignment. In this chapter we will discuss the literature related to research mythology in general by following with research questions, inquiry methods, sampling design, survey design and development, coding structure and reporting.

### 3.1 Research Strategy

Methodology supports in explaining the nature of the applicants' data and emphasize the methods used that will guide to compute to have appropriate conclusions through applicable data processing for this study. According to Crotty (1998), the research method can be either qualitative, quantitative, or both, regardless of the type of research that is engaged in. For social methodology, there are two approach methods; they are qualitative and quantitative methods. According to this study, the researcher can use either or both of these methods to analyze responses. According to American Marketing Association's (AMA), marketing research emphasizes its role in linking marketing managers to information about their customers.

To answer the research survey questions, the expressive research has been assumed to conduct with this study by relating which factors ate effecting to the consumer's brand choice decision for quick service restaurant. In this research, quantitative survey method was applied.

The questionnaires started that respondents have to provide the demographic data such as Age, Gender, Monthly Income and Occupation. All participants can voluntary and summit their idea data to summit the questionnaires form. There was no cost and limitation for participants to answer the questionnaires survey form.

The study of consumer's brand choice decision for Quick Service Restaurant in Yangon, Myanmar by this applied research is as follows:

- Population and Sample Selection
- Research Instrument
- Questionnaire design
- The statistic for analyzing the data
- The variable


### 3.2 Population and Sample Size

### 3.2.1 Population

Based on this study, the author aimed for the consumer's brand choice decision for quick service restaurant in Myanmar. Rubin and Bobbie (2001) described that the population is the total of component from which the sample is actually selected.

### 3.2.2 Sample Size

The target population for this research was male and female consumers who consume the fast food at the quick service restaurant, aged from 15 years to 60 years old, living in Myanmar. The sample size for this study is 400 people who are the customers of KFC, Pizza Hut and SEASONS in Yangon, Myanmar. And this questionnaires survey forms were distributed to those consumers. Therefore, the author will determine sample size at confidence level of $95 \%$ and precision level is 0.05

The calculation of the sample size is calculated as per the follow formula:

$$
\mathrm{n}=\frac{\mathrm{N}}{1+\mathrm{Ne}^{2}}
$$

$$
\begin{array}{ll}
\mathrm{n} & =\text { sample size } \\
\mathrm{N} & =\text { population size } \\
\mathrm{e} & =\text { acceptable sampling error }
\end{array}
$$

At $95 \%$ confidence level and $\mathrm{e}=1-0.95=0.5$

According to the formula;

$$
\mathrm{n}=\frac{84128}{1+84128(0.05) 2}
$$

$$
\mathrm{n}=398.10
$$

$$
\mathrm{n} \approx 398 \text { samples }
$$

So the sample size is needed at least 398 respondents.

### 3.3 Research Instrument

The author applied questionnaire as an instrument to collect the respondent data in order to study and analyze what aspects within service, quality and customer satisfaction on their purchase. This research conducted with English and Burmese language view survey form. The questionnaires included with 4 main sections. These are first; Demographic information's such as, gender, age, occupation and income level in Myanmar. Second; the Marketing Mix questionnaires, it included Product, Place, Promotion, Price, Process, People and Physical evidence of the product that are affecting on consumer brand choice decision. Third; Brand equity questionnaire to understand how it works for consumers perceptions on Brand Loyalty, Brand awareness, Brand Familiarity, Brand Reputation and Quality of the brand that they choose according to their idea. The last section is for the consumer's life style and behaviors with the factors of the consumer's social Class, economic situation, motivation, purchasing power for fast food and the self-confidence and the author will find out the relationship between customer brand choice decision and the factors of Brand Equity and Life style. All participants would able to rand the degree of each factors in the questionnaires survey form.

### 3.4 Questionnaire Design

For the details of Demographic information, the author illustrated the component of general information such as gender, age, occupation, frequency of visit to fast food restaurant and purposes of visits in the survey questionnaires. The
questionnaires are close-ended questions and the answer of each respondent for questionnaires is check list type for record.

Table 2: Information Measurement and Criteria

(Continued)

Table 2 (Continued) : Information Measurement and Criteria


### 3.4.1 The Variables

In this study, the author ranged the questionnaires for the Marketing Mix 7ps with seven-scales to the respondents of targeted people with seven-scales for each question by the number zero to seven. Number " 0 " indicates as "Not any effect" to the number " 7 " indicates as "Extremely important for every question.

The points (scores) are fixed in each level as below;

| Not any effect | $=0$ point |
| :--- | :--- |
| Not at all Important | $=1$ point |
| Low important | $=2$ points |
| Slightly important | $=3$ points |


| Neutral | $=4$ points |
| :--- | :--- |
| Moderately important | $=5$ points |
| Very important | $=6$ points |
| Extremely important | $=7$ points |

For analyzing the data, the author uses mean and interval class to calculate the range of result in each level as following:

```
Interval class = Range (max value- min value)
    Number of Interval
= (8-1)
    8
= 0.87
```

And then, the analysis of this rating scale can translate as followings:

Average score of 7.13-8.00 refers
Average score of $6.25-7.12$ refers
Average score of $5.37-6.24$ refers
Average score of $4.49-5.36$ refers
Average score of 3.61-4.48 refers
Average score of $2.73-3.60$ refers
Average score of $1.85-2.72$ refers
Average score of $0.97-1.84$ refers

For a five-point scale, the author developed questions depends on the quick service restaurant business. The result of each respondent will be recorded and analysis for how these following factors are affecting for consumer's brand choice decision for quick service restaurant.

The points (scores) are fixed in each level as below;

| Strongly disagree | $=1$ point |
| :--- | :--- |
| Disagree | $=2$ point |


| Neutral | $=3$ points |
| :--- | :--- |
| Agree | $=4$ points |
| Strongly agree | $=5$ points |

For analyzing the data, the author uses mean and interval class to calculate the range of result in each level as following:

Interval class $\frac{\text { Range }(\max \text { value }- \text { min value })}{\text { Number of Interval }}$
$=\quad(5-1)$
5
$=0.8$

And then, the analysis of this rating scale can translate as followings:
Average score of 4.21 - 5.00 refers Strongly Agree.
Average score of 3.41-4.20 refers Agree.
Average score of $2.61-3.40$ refers Neutral.
Average score of $1.81-2.60$ refers Disagree.
Average score of $1.00-1.80$ refers Strongly Disagree.
For detail meaning of each single question are as follow;

## Q9.1. Product

10.1. The product's design is good-looking and unique.
10.2. The quality is good with various flavors.
10.3. It offers a variety of flavors and good taste.

Q9.2. Place
10.4 The restaurant should be at convenience area to go easily.
10.5. Downtown area is suitable to go and eat fast food.
10.6. Suburb area is suitable to go and eat fast food.

Q9.3. Promotion
10.7. Discount price makes more attraction to customers.
10.8. Special menu for customer make happy and satisfactions.
10.9. Giving gift vouchers at the restaurant is an effective advertising program for customers

## Q9.4. Price

10.10. Fast food is assumed as fair price for all customers.
10.11. Special price for some special day will effect for customer for fast food business.
10.12. Order price (or delivery charges) is reasonable for the customers who want to order food from home?

Q9.5. Process
11.1 Customers receive their order in a timely manner.
11.2. Customers are always caring the delivery time of their purchases.
11.3. Employees are serving quickly and skillful to get customer satisfactions. Q9.6. People
11.4. The restaurant has adequate and skillful number of employees.
11.5. Employees are professional in making drink and providing good service to consumers.
11.6.Employees are kindly and always smiles and pay attention to consumers while they are purchasing.

Q9.7. Physical Evidence
11.7. There are a lot of various products for customers' choice.
11.8. Cleanliness is one the most important factor for quick service restaurant.
11.9. The restaurant has a nice decoration and adequate seating availability and customers can sit as long as they want.

## Q9.8. Brand Equity

For the brand equity, the author comprised with 5 factors, brand loyalty, brand awareness, brand familiarity, brand reputation and brand quality.
Q12.1 Brand Loyalty
I will keep buying this brand even the retail price is increasing.
If customer's regular consumed brand is out of stock, they will not buy the others brands.

Q12.2 Brand Awareness

I know this brand and the name of this brand is easily memorized
It is up to date brand.
It is trustworthy
Q12.3 Brand Familiarity
I know this brand.
I am familiar with this brand.
These brands always occupy for customer thoughts
Q12.4 Brand Reputation
It can be available every time
It has good image and good background
It makes customers satisfied and well accepted in the network.
Q12.5 Brand Quality
This food is good is worth for paying.
This food is clean and worth for paying

Q9.9, 9.10 Customer Life Style \& Behavior
For customer's behavior and life style, the author comprised with 5 factors, these are social class, economic situation, motivation, purchasing power behavior and self-confidence.

Q12.6. Social Class
You have good social network in your environment.
You like to go out with friends or family and you have your own freedom life.

## Q12.7. Economic Situation

Your monthly income and expenses are good enough.
You can go out and choice the restaurant with your own expense.
Q12.8. Motivation
You have enough motivation to go out with friends or family or alone.
You want to participate in activities.
Q12.9. Purchasing Power Behavior
You often purchase fast food
You like to go out and eat at the restaurant.
Q12.10. Self Confidence

You have your self-confidence to choice the brand you like.
You have own self-confidence to choice the restaurant that you prefer.
You always follow what the other people idea or advice.

### 3.5 Data Collection Procedure

The survey questionnaires forms were distributed by online survey form and also face to face to Burmese people from $5^{\text {th }}$ January 2015 to $30^{\text {th }}$ January. Random sampling method was used to collect data. First the author tested validity test by asking expert 5 people to check the questions to correct for the most appropriate and easy for applicants to answer the questionnaire survey form. After this step has done and ok, the author tested 30 participants with questionnaires form. After 30 questionnaires responses were collected, the data were entered to SPSS statistic program and analysis for the Reliable test and check the result to establish the significant findings. And then after getting 400 questionnaires responses, the data were entered to SPSS statistic program to analysis the significant results.

### 3.5.1 Content Validity

According to advisor, the author tested validity test by asking expert 5 people to check the questions to correct for the most appropriate and easy for applicants to answer the questionnaire survey form

$$
\mathrm{IOC}=\frac{\Sigma \mathrm{R}}{N}
$$

IOC = Consistency between the objective and content or questions and objective.
$\sum \mathrm{R} \quad=$ Total assessment points given from all qualified experts.
$\mathrm{N} \quad=$ Number of qualified experts

As per formula,

$$
\begin{aligned}
\text { IOC } & =\frac{42.4}{57} \\
& =0.74
\end{aligned}
$$

The consistency index value must have the value 0.5 or above to be accepted. After assessment result, the questions have changed and have adapted to ensure that each question has the consistency index value more than 0.5 .

The assessment result of questions on this questionnaire has value index of item objective congruence (IOC) equal to 0.74 with one question that has IOC index less than 0.5 and here are the author's 5 experts who have experiences in the related field in order to confirm and check the content.

1. U Nyunt Win - Bakery \& Café owner ( Joy Bakery \& Café Owner)
2. Daw Khin Nu Swe - Manager (Joy Bakery \& Café)
3. U Lynn Lu Wai -- Restaurant owner (M\&G restaurant owner)
4. U Aung Phyo Thike - Bar owner (Father Office Bar)
5. Daw Hnin Yee Htun - Bar owner (Father Office Bar)

### 3.5.2 Reliability Test

Reliability test by the author is the pre- test with sample result of 30
Respondents to make sure that each of author's questionnaires is appropriate and clearly to understand. Then, the author collect the research with SPSS program to check reliability coefficient with Cronbach's coefficient Alpha values have to greater than 0.7 which means the test for this questionnaire are reliable for this study. For the result of Cronbach's Alph coefficient value are assumed as following;

From 0.90 to $1.00=$ very high reliability level (Excellent)
From 0.70 to $0.89=$ high reliability level (Good)
From 0.50 to $0.69=$ medium reliability level (Fair)
From 0.30 to $0.49=$ low reliability level (Poor)
Less than $0.30=$ Very Low Unacceptable

Table 3: Reliability Test

| Cronbach's Alpha | N of Items |
| :--- | :--- |
| .948 | 41 |

Table 4: Reliability Statistics

| Variable | Cronbach's <br> Alpha <br> Coefficient | Reliability Level | Desirability level |
| :---: | :---: | :---: | :---: |
| All variables | 0.948 | Very high | Excellent |
| Marketing Mix(7Ps) | 0.908 | Very high | Excellent |
| Brand Equity (5 variables) | 0.871 | High | Good |
| Behavior and life style | 0.843 | High | Good |

As shown per above table 2: Reliability Statistics, the author got the result 0.948 for all the 41 variables which means the tested questions are reliable and pass for the reliability rest. As shown per above table 3: Reliability Statistics The result for the Marketing mix is 0.908 which means the tested questions are reliable and pass for the reliability rest. The result for Brand equity is 0.871 which means the tested questions are reliable and pass for the reliability rest. And the result for Customer behavior and life style is 0.843 which means the tested questions are reliable and pass for the reliability rest.

### 3.6 Multinomial Logistic Regression

Multinomial Logistic regression is the linear regression analysis to use when the dependent variable is nominal with more than two levels. The basic plan behind logit is to apply a logarithmic function to restrict the probability value to $(0,1)$ Technically this is the log offs (the logarithmic of the odds of $\mathrm{y}=1$ ). Sometimes a
probit model is used instead of a logit moel for multinomial regression. The following graph shows the difference for a logit and a probit model for different value $(-4,4)$. Both models are commonly used as the link function in ordinal regression.


Figure 3.6: Multinomial Logistic Regression Model

As per this graph, the center of multinomial regression analysis is the task estimating the $\mathrm{k}=1 \log$ odds of each section.

$$
\begin{aligned}
& \operatorname{logit}(y=1)=\log \left(\frac{p(y=1)}{1-(p=1)}\right)=\beta_{0}+\beta_{1} \cdot x_{i 2}+\beta_{2} \cdot x_{i 2}+\ldots+\beta_{p} \cdot x_{i n} \text { for } i=1 \ldots n . \\
& \operatorname{logit}(y=2)=\log \left(\frac{p(y=2)}{1-(p=2)}\right)=\beta_{0}+\beta_{1} \cdot x_{i 2}+\beta_{2} \cdot x_{i 2}+\ldots+\beta_{p} \cdot x_{i n} \text { for } i=1 \ldots n .
\end{aligned}
$$

Multinomial regressions similar to the Multivariate Discriminate analysis. Discriminate analysis used the regression line to separate into two groups according to the level of dependent variable. If the data is multivariate normal, homoscedasticity is present in variance and covariance and the independent variables are linearly related. So that we should use discriminant analysis because it will be more statistically
powerful and efficient. Multinomial logistic regression in SPSS, we need to check our entire model is analyzed. Although the multinomial regression is strong enough against to multivariate normality so that better suited for smaller model than a probit model.

### 3.7 Conclusion

In this chapter, the methodology used in this research has been adjusted and explained by the author. The quantitative approach method and simple random sampling technique are used in this study. The author used SPSS program and Microsoft office excel will be used in the research for ranking data for IOC content validity test and reliability tests data and its result. The next chapter will be presented the data analysis and the results.

## CHAPTER 4

## RESEARCH FINDINGS AND DATA ANALYSIS

This chapter aims to present and analyze the result obtained from the data of SPSS and give answer to the research questions. The author will present the data of total 400 participants that were completely responded the survey form who live in Yangon, Myanmar. Further, this chapter presents the results of the data collection which is based upon the result methodology discussed in Chapter 3.

The author presented the result of analyzing for this research as per following steps;

- Analysis of demographic information of each participant's result
- Findings of hypothesis testing
- Finding of hypothesis testing Marketing Mix factors
- hypothesis testing Brand Equity
- hypothesis testing customer's behavior and Life style
- Analysis for the general information
- Summarized Results of Hypothesis Findings
4.1 Analysis of Demographic Information

Table 5: Gender

|  | Gender |  | Total |
| :--- | :---: | :---: | :---: |
|  | Male | Female |  |
| Total | KFC | 52 | 105 |
|  |  |  |  |
|  | Pizza Hut | 61 | 65 |
| 126 |  |  |  |
| SEASONS | 70 | 61 | 131 |
|  | 183 | 231 | 414 |

According to table 5 (above), we can analyze that 52 of male and 105 of female choose KFC brand, 61 of Male respondents and 65 of Female respondents
choose Pizza Hut brand and 70 of male respondents and 61 of female choices SEASONS brand individually.

Table 6: Age

|  |  | Age |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 15-20 years | $\begin{aligned} & 21-30 \\ & \text { years } \end{aligned}$ | $\begin{aligned} & 31-40 \\ & \text { years } \end{aligned}$ | 41-60 years |  |
|  | KFC | 24 | - 69 | 36 | 28 | 157 |
|  | Pizza Hut | 6 | 63 | 49 | 8 | 126 |
|  | SEASONS | 18 | 52 | 29 | 32 | 131 |
| Total |  | 48 | 184 | 114 | 68 | 414 |

According to Table 6 (above), we have known that a majority of fast food consumers are between 21-30 years old ( $\mathrm{n}=184$ ) with customers of $\mathrm{KFC}(\mathrm{n}=69)$ are much more than Pizza Hut ( $\mathrm{n}=63$ ) and SEASON ( $\mathrm{n}=52$ ) in Yangon Myanmar. The ages between 15 to 20 years are $(\mathrm{n}=48)$ and ages between 31 to 40 years are $(\mathrm{n}=114)$ and ages between 41 to 60 years are $(\mathrm{n}=68)$ respectively.

Table 7: Occupation

|  | Occupation |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Student | Employee | Self- <br> Business | Dependent |  |
| KFC | 52 | 50 | 36 | 19 | 157 |
| Pizza Hut | 20 | 78 | 28 | 0 | 126 |
| Total | SEASONS | 24 | 45 | 34 | 28 |
| 131 |  |  |  |  |  |
|  | 96 | 173 | 98 | 47 | 414 |

From this Table 7, we have known that a majority of fast food consumers are employee ( $\mathrm{n}=173$ ) including KFC consumers ( $\mathrm{n}=50$ ) Pizza Hut consumer ( $\mathrm{n}=78$ ) SEASONS consumer ( $\mathrm{n}=45$ ) individually. Student consumers ( $\mathrm{n}=96$ ), Self-Business ( $\mathrm{n}=98$ ) and Dependent ( $\mathrm{n}=47$ ) are fast food consumers.

Table 8: Religion

|  | Religion |  |  |  |  | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Buddhist | Christian | Muslim | Hindu | Other |  |
| Total | 100 | 28 | 18 | 5 | 6 | 157 |
|  | KFC | 80 | 27 | 7 | 6 | 6 |
|  |  |  |  |  |  |  |
|  | 62 | 15 | 17 | 19 | 18 | 131 |
|  | 242 | 70 | 42 | 30 | 30 | 414 |

From this Table 8, we have known that a majority of fast food consumers are Buddhist ( $\mathrm{n}=242$ ) including KFC consumers ( $\mathrm{n}=100$ ) Pizza Hut consumers ( $\mathrm{n}=80$ ) SEASONS consumers ( $\mathrm{n}=62$ ) individually.
4.2 Findings of Hypothesis Testing

Table 9: Likelihood Ratio Tests

| Effect | Model Fitting <br> Criteria | Likelihood Ratio Tests |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | -2 Log Likelihood <br> of Reduced Model | Chi-Square | df | Sig. |
| S9.1 (Product) | $298.513^{\mathrm{a}}$ | 76.189 | 10 | .000 |
| S9.2 (Place) | $234.261^{\mathrm{a}}$ | 11.936 | 10 | .289 |
| S9.3 (Promotion) | $295.698^{\mathrm{a}}$ | 73.373 | 14 | .000 |
| S9.4 (Price) | $271.617^{\mathrm{a}}$ | 49.292 | 12 | .000 |
| S9.5 (Process) | $286.914^{\mathrm{a}}$ | 64.590 | 12 | .000 |
| S9.6 (People) | $241.763^{\mathrm{a}}$ | 19.439 | 10 | .035 |
| S9.7 (Physical evidence) | $248.986^{\mathrm{a}}$ | 26.661 | 10 | .003 |
| S9.8 (Brand equity) | $304.960^{\mathrm{a}}$ | 82.636 | 10 | .000 |
| S9.9 (Consumer behavior) | $285.684^{\mathrm{a}}$ | 63.359 | 12 | .000 |
| S9.10 (Life style) | $335.619^{\mathrm{a}}$ | 113.295 | 12 | .000 |

Based on multinomial logistic regression as shown in Table 9, we can pretty much reject almost all hypotheses with more than $95 \%$ confidence ( $p$-value < . 05 ) except place variable that seems insignificant. Therefore we can reject all null hypotheses (except Ho: beta_place $=0$ vs. Ha: beta_place is not equal zero) and accept alternative hypotheses that product, promotion, price, process, people, physical evidence, brand equity, customer buying behavior and life style significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar focusing on KFC, Pizza Hut, and Seasons brands. The hypothesis testing results are shown in Table 9 as followings;
$\mathrm{H}_{\mathrm{a}}:$ Product significantly influences consumer's brand choice decision for QSR in Yangon Myanmar. ( $0.000<0.05$ )
$\mathrm{H} 2_{0}$ : Place does not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar: ( 0.289 > 0.05 )
$\mathrm{H} 3_{\mathrm{a}}$ : Promotion significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).

H4 ${ }_{\mathrm{a}}$ : Price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).

H5a: Process significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).
$\mathrm{H6}_{\mathrm{a}}$ : People significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.035<0.05$ ).

H7a: Physical evidence significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.003<0.05$ ).

H8a: Brand equity significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).
$\mathrm{H}_{9}$ a: Consumer behavior significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).
$\mathrm{H}_{10}$ : Life style significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).

### 4.3 Factors Analysis

Table 10: Hypothesis Findings for KFC Brand

| Favorite brand |  | B | Std. <br> Error | Wald | df | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| KFC | [P10.1=4] Packing | 114.834 | 31.229 | 13.521 | 1 | . 000 |
|  | [P10.1=5] | 69.195 | 19.640 | 12.413 | 1 | . 000 |
|  | [P10.2=4] Quality | -. 410 | 3.290 | . 016 | 1 | . 901 |
|  | [P10.3=4] Taste | -37.663 | 13.421 | 7.875 | 1 | . 005 |
|  | [P10.4=4] Convenience | 12.397 | 7.843 | 2.498 |  | . 114 |
|  | [P10.5=4] Downtown | -78.521 | 19.062 | 16.968 | 1 | . 000 |
|  | [P10.6=4] Suburb | 74.605 | 19.115 | 15.232 | 1 | . 000 |
|  | [P10.7=4] Discount | 18.687 | 7.379 | 6.414 | 1 | . 011 |
|  | [P10.8=4] Special Menu | 32.081 | 20.191 | 2.525 | 1 | . 112 |
|  | [P10.9=4] Gift vouchers | 9.898 | 10.338 | . 917 | 1 | . 338 |
|  | [P10.10=4] Fair Price | 5.670 | 7.425 | . 583 | 1 | . 445 |
|  | [P.10.11=4] Special Price | -64.031 | 28.747 | 4.961 |  | . 026 |
|  | [P10.12=4] Order Price | 85.411 | 26.126 | 10.688 | 1 | . 001 |
|  | [P11.1=4] Waiting time | -10.378 | 8.641 | 1.442 | 1 | . 230 |
|  | [P11.2=4] Delivery time | -60.358 | 19.744 | 9.346 | 1 | . 002 |
|  | [P11.3=4] Serve Quickly | -. 993 | 2.874 | . 119 | 1 | . 730 |
|  | [P11.4=4] Friendliness | 27.943 | 7.540 | 13.735 | 1 | . 000 |
|  | [P11.5=4] Politeness | -112.220 | 29.775 | 14.205 | 1 | . 000 |
|  | [P11.6=4] Well |  |  |  |  |  |
|  | Communication | 17.473 | 5.214 | 11.232 | 1 | . 001 |
|  | [P11.7=4] Variety | 24.430 | 9.450 | 6.684 | 1 | . 010 |
|  | [P11.8=4] Cleanliness | 3.646 | 3.204 | 1.295 | 1 | . 255 |
|  | [P11.9=4] Restaurant design | -43.803 | 11.665 | 14.100 | 1 | . 000 |

(Continued)

Table 10 (Continued): Hypothesis Findings for KFC Brand


As per above Table 10 shown; the hypothesis testing results are shown as followings;

H1.1a: packing of food significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.000<0.05$ ).

H1.20: Quality does not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H1.3 Taste significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar (0.005 < 0.05).

H2.1. Convenience area does not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H2.2a Downtown area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).

H2.3a Suburb area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ ).

H3.1a Discount significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.011<0.05$ ).

H3.20 Special menu does not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H3.3. Gift Vouchers does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H4. $1_{\mathrm{o}}$ Fair price does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar

H4.2a Special price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.026<0.05$ ).

H4.3a: Order price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.001<0.05$ ).

H5.1 $1_{0}$ : Waiting time does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar

H5.2a: Delivery time significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.002<0.05$ )

H5.3. Serve quickly does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H6. $1_{\mathrm{a}}$ : Friendliness significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.000<0.05$ )

H6.2 : Politeness significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.000<0.05$ ).

H6.3a: Well communication significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.001<0.05$ ).

H7.1a: Variety of food significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.010<0.05$ )

H7.2 ${ }_{0}$ : Cleanliness is not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H7.3a: Restaurant design significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( 0.000 < 0.05 )

Therefore, the packaging, taste, downtown, suburb, discount, special price, order price, delivery time, Friendliness, Politeness, well communication, variety of food and restaurant design matters in choosing KFC brand over SEASONS brand.

For Brand Equity, only Brand Awareness significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar and it is only matter in choosing KFC over SEASON brand (0.000 <0.05). The rest of $\mathrm{H} 8.1_{\mathrm{o}}, \mathrm{H} 8.3_{\mathrm{o}}, \mathrm{H} 8.4_{\mathrm{o}}$ and $\mathrm{H} 8.5_{\mathrm{o}}$; brand loyalty, brand familiarity, brand reputation and brand quality do not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H9.1 $1_{\mathrm{a}}$ Social class significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.035<0.05$ )

H9.2. Economic situation does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H9.3 ${ }_{\mathrm{a}}$ Motivation significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.006<0.05$ )

H9.4 Purchase Behavior does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H9.5a Self-confidence significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( 0.026 < 0.05 )

According to the analysis, we can learn that social class, motivation of customer and self-confidence of customer are matters in choosing KFC over SEASONS brand.

Table 11: Hypothesis Findings for Pizza Hut Brand

| Favorite brand |  | B | Std. <br> Error | Wald | df | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Pizza } \\ & \text { Hut } \end{aligned}$ | Packing | 80.730 |  | 99 |  |  |
|  |  | -97.930 | 42.689 | 5.263 | 1 | . 022 |
|  | [P10.2=4] Quality | -23.539 | 8.951 | 6.916 | 1 | . 009 |
|  | [P10.3=4] Taste | -28.498 | 11.673 | 5.960 | 1 | . 015 |
|  | [P10.4=4] Convenience | 18.017 | 10.969 | 2.698 | 1 | . 100 |
|  | [P10.5=4] Downtown | -59.172 | 16.002 | 13.674 | 1 | . 000 |
|  | [P10.6=4] Suburb | 48.973 | 16.704 | 8.595 | 1 | . 003 |
|  | [P10.7=4] Discount | 30.001 | 8.120 | 13.651 | 1 | . 000 |
|  | [P10.8=4] Special Menu | -26.617 | 14.783 | 3.242 | 1 | . 072 |
|  | [P10.9=4] Gift vouchers | 33.639 | 17.240 | 3.807 | 1 | . 051 |
|  | [P10.10=4] Fair Price | -8.392 | 10.349 | . 658 | 1 | . 417 |
|  | [P.10.11=4] Special Price | -133.924 | 50.753 | 6.963 | 1 | . 008 |
|  | [P10.12=4] Order Price | 172.927 | 70.106 | 6.084 | 1 | . 014 |
|  | [P11.1=4] Waiting time | 64.564 | 29.321 | 4.849 | 1 | . 028 |
|  | [P11.2=4] Delivery time | -110.101 | 34.880 | 9.964 | 1 | . 002 |
|  | [P11.3=4] Serve Quickly | 21.842 | 9.118 | 5.738 | 1 | . 017 |
|  | [P11.4=4] Friendliness | 21.199 | 11.558 | 3.364 | 1 | . 067 |
|  | [P11.5=4] Politeness | -96.539 | 23.643 | 16.672 | 1 | . 000 |
|  | [P11.6=4] Well communication | 17.520 | 5.550 | 9.964 | 1 | . 002 |
|  | [P11.7=4] Variety | 27.057 | 9.427 | 8.239 | 1 | . 004 |

(Continued)

Table 11 (Continued): Hypothesis Findings for Pizza Hut Brand


As per above Table 11: shown; the hypothesis testing results are shown as followings;
H1.1a: Packing of food significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ )

H1.2a: Quality significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.009<0.05$ )

H1.3: Taste significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.015<0.05$ ).

H2.1. Convenience area does not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H2.2a: Downtown area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ )

H2.3a: Suburb area significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. $(0.003<0.05)$

H3.1a Discount significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.000<0.05$ ).

H3.2 ${ }_{0}$ Special menu does not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

H3.3. Gift Vouchers does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H4.1 : Fair price does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar

H4.2: Special price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar (0.008<0.05)

H4.3a: Order price significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.014<0.05$ )

H5.1 $1_{\mathrm{a}}$ : Waiting time significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.028<0.05$ )

H5.2a: Delivery time significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.002<0.05$ )

H5.3a: Serve quickly significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.017<0.05$ )

H6.1 $1_{0}$ : Friendliness does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.067>0.05$ )

H6.2 : Politeness significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.000<0.05$ ).

H6.3a: Well communication significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.002<0.05$ ).

H7.1 $1_{\text {: }}$ Variety of food significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar ( $0.004<0.05$ )
$\mathrm{H} 7.2_{\mathrm{o}}$ : Cleanliness is not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.027<0.05$ )

H7.3. : Restaurant design is not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar.

Therefore, the packaging, quality, taste, downtown, suburb, discount, special price, order price, waiting time, delivery time, serve quickiy, Politeness, well communication, variety of food and cleanliness are matters in choosing Pizza Hut brand over SEASONS brand.

For Brand Equity, only Brand Awareness significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar and it is only matter in choosing Pizza Hut over SEASON brand ( 0.047 < 0.05 ). The rest of H8.1 ${ }_{\mathrm{o}}$, H8.3 $3_{\mathrm{o}}, \mathrm{H} 8.4_{\mathrm{o}}$ and $\mathrm{H} 8.5_{0}$; brand loyalty, brand familiarity, brand reputation and brand quality do not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H9.1 $1_{\mathrm{a}}$ : Social class significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.001<0.05$ )

H9.2. Economic situation does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.013<0.05$ )

H9.3a: Motivation significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. ( $0.000<0.05$ )

H9.40: Purchasing power does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

H9.50: Self-confidence does not significantly influence consumer's brand choice decision for QSR in Yangon, Myanmar.

Therefore, social class, economic situation and motivation of customer are matters in choosing Pizza Hut over SEASONS brand.

### 4.4 Analysis of General Information

Table 12: Eat home(or)outside Cross tabulation

|  | Eat home(or)outside |  |  |
| :--- | :---: | :---: | :---: |
|  | Eat at home | Eat outside |  |
| KFC | 95 | 62 | 157 |
|  | Pizza Hut | 68 | 58 |
|  |  |  |  |
|  | SEASONS | 88 | 43 |
| 131 |  |  |  |

As per this analysis Table 12, we have known that a majority of fast food consumers want to eat at home ( $\mathrm{n}=251$ ), including KFC consumers ( $\mathrm{n}=95$ ) Pizza Hut consumers ( $\mathrm{n}=68$ ) SEASONS consumers ( $\mathrm{n}=88$ ) individually.

Table 13: Frequency(eat) Cross tabulation

|  |  | Frequency(eat) |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Never | Sometimes | Often | $\begin{aligned} & \hline \text { Very } \\ & \text { Often } \end{aligned}$ |  |
| Total | KFC | 15 | 91 | 44 | 7 | 157 |
|  | Pizza Hut | 17 | 69 | 38 | 2 | 126 |
|  | SEASONS | 18 | 75 | 24 | 14 | 131 |
|  |  | 50 | 235 | 106 | 23 | 414 |

As per this analysis Table 13, we can analysis as a majority of consumers eat fast food sometime ( $\mathrm{n}=235$ ), including KFC consumers ( $\mathrm{n}=91$ ) Pizza Hut consumers ( $\mathrm{n}=69$ ) SEASONS consumers ( $\mathrm{n}=75$ ) individually.

Table 14: use brand you prefer Cross tabulation

|  |  | use b | prefer |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Yes | No | Total |
|  | KFC | 99 | 58 | 157 |
|  | Pizza Hut | 93 | 33 | 126 |
|  | SEASONS | 96 | 35 | 131 |
| Total |  | 288 | 126 | 414 |

As per this analysis Table 14, we can analysis that a majority of consumers want to use the brand they always in touch (or) use ( $\mathrm{n}=288$ ) including KFC consumers ( $\mathrm{n}=99$ ) Pizza Hut consumers ( $\mathrm{n}=93$ ) SEASONS consumers ( $\mathrm{n}=96$ ) individually.

Table 15 : Whom u want to go Cross tabulation

|  | Whom u want to go |  |  | Total |
| :--- | :---: | :---: | :---: | :---: |
|  | Family | Friends | Alone |  |
| Total | KFC | 62 | 90 | 5 |
|  |  |  |  |  |
|  | Pizza Hut | 38 | 79 | 9 |
|  |  |  |  |  |
|  | SEASONS | 55 | 71 | 5 |
| 131 |  |  |  |  |
|  | 155 | 240 | 19 | 414 |

As per this analysis Table 15, we can analysis that a majority of consumers want to go to fast food restaurant with friends are ( $\mathrm{n}=240$ ); including KFC consumers ( $\mathrm{n}=90$ ) Pizza Hut consumers ( $\mathrm{n}=79$ ) SEASONS consumers ( $\mathrm{n}=71$ ) individually.

Table 16: Caring Hygiene Cross tabulation

|  | Caring Hygiene |  | Total |
| :--- | :---: | :---: | :---: |
|  | Yes | No |  |
| KFC | 131 | 26 | 157 |
| Pizza Hut | 105 | 21 | 126 |
| Total | SEASONS | 114 | 17 |
| 131 |  |  |  |
|  |  | 350 | 64 |

As per this analysis Table 16, we can analysis that a majority of consumers always take care their hygiene are ( $\mathrm{n}=240$ ); including KFC consumers ( $\mathrm{n}=131$ ) Pizza Hut consumers ( $\mathrm{n}=105$ ) SEASONS consumers ( $\mathrm{n}=114$ ) individually.

Table 17: Suitable time to go restaurant

|  | Suitable time to go |  |  |  | Total |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Morning | Afternoon | Evening | Late night |  |
| KFC | 14 | 50 | 76 | 17 | 157 |
|  | Pizza Hut | 4 | 56 | 45 | 21 |
|  |  |  |  |  |  |
|  | 12 | 59 | 38 | 22 | 131 |
|  | 30 | 165 | 159 | 60 | 414 |

As per this analysis Table 17, we can analysis that a majority of consumers want to go fast food restaurant in the afternoon are ( $\mathrm{n}=165$ ); including KFC consumers ( $\mathrm{n}=50$ ) Pizza Hut consumers ( $\mathrm{n}=56$ ) SEASONS consumers ( $\mathrm{n}=59$ ) individually.

Table 18: Main Problem in fast food

|  | Main Problem |  |  | Total |
| :---: | :---: | :---: | :---: | :---: |
|  | Long Queue | Wrong <br> receive | not enough <br> place to sit |  |
| KFC | 48 | 42 | 67 | 157 |
|  | Pizza Hut | 52 | 22 | 52 |
|  |  |  |  |  |
|  | 48 | 26 | 57 | 131 |
|  | 148 | 90 | 176 | 414 |

Based on this analysis as shown in Table 18, most of the customers want to have enough places to sit and have fast food in the restaurant. Like for "not enough place to sit" are 176 persons (42.5\%). In details, KFC consumers (n=67) Pizza Hut consumers ( $\mathrm{n}=52$ ) SEASONS consumers ( $\mathrm{n}=57$ ) individually.
4.5 Summarized Results of Hypothesis Findings

Table 19: Summarized Results

| Hypothesis | Factor | Result |
| :--- | :--- | :--- |
| H1 | Product | Significant ( Reject Ho: ) |
| H2 | Place | Insignificant (cannot reject Ho, <br> Accept Ha :) <br> H3 |
| H4 | Promotion | Significant (Reject Ho: ) |
| H5 | Process | Significant ( Reject Ho: ) |
| H6 | Physical evidence | Significant ( Reject Ho: ) |
| H7 | Brand Equity | Significant (Reject Ho: ) |
| H8 | Behavior \& Life style | Significant ( Reject Ho: ) |
| H9 | Packing | Significant ( Reject Ho: ) |
| H1.1 | Quality | Insignificant (cannot reject Ho, <br> H1 |
| H1.2 | Accept Ha :) |  |

(Continued)

Table 19 (Continued): Summarized Results

| H1.3 | Taste | Significant ( Reject Ho: ) |
| :--- | :--- | :--- |
| H2.1 | Convenience area | Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H2.2 | Downtown area | Significant ( Reject Ho: ) |
| H2.3 | Suburb area | Significant ( Reject Ho: ) |
| H3.1 | Discount | Significant (Reject Ho: ) |
| H3.2 | Special Menu | Insignificant (cannot reject Ho, |
| H3.3 | Fair price | Ansignificant (cannot reject Ho, |
| H4.1 | Special price | Ansignificant (cannot reject Ho, |
| H4.2 | Order price | Significant ( Reject Ho: ) |
| H4.3 | Waiting time | Significant ( Reject Ho: ) |
| H5.3 :) |  |  |

(Continued)

Table 19 (Continued): Summarized Results

| H6.3 | Well communication | Significant ( Reject Ho: ) |
| :--- | :--- | :--- |
| H7.1 | Variety | Significant (Reject Ho: ) |
| H7.2 | Cleanliness | Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H7.3 | Restaurant design | Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H8.1 | Brand Loyalty | Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H8.2 | Brand Familiarity | Significant ( Reject Ho: ) |
| H8.3 | Brand Association | Accept Ha :) <br> Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H8.4 | Brand Quality | Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H8.5 | Social class | Significant (Reject Ho: ) |
| H9.1 | Economic situation | Insignificant (cannot reject Ho, <br> Accept Ha :) |
| H9.2 | Motivation | Significant ( Reject Ho: ) <br> H9.4 |
| Insignificant (cannot reject Ho, |  |  |
| Accept Ha :) |  |  |

## CHAPTER 5

## DISCUSSION AND CONCLUSION

In this chapter, the author presented the whole analysis of the results which are found in this research. The author summarized and discussed about all the important features of this research with opinions for future related research information

The study of consumer's brand choice decision for quick service restaurant (QSR) in Myanmar focusing on fast food brands (KFC, Pizza Hut \& SEASONS) is conducted for the beneficial purpose of restaurants owners, service quality, consumer's perception on the brand equity and the overall nature of Burmese people and their life style and behavior for choosing the food. The analysis of this study can be applied to increase service quality standard, to realizing the problems and how to handle in fast food business, to enhance more opportunities among competitors and to differentiate brand awareness according to consumer's behavior.

In this research, the theoretical foundation of the framework can be measured according to the nature of Burmese people and culture of the country by the following hypothesis.
$\Rightarrow \beta_{-} \mathrm{H} 1_{\mathrm{o}}, \mathrm{H} 2_{\mathrm{o}}, \mathrm{H} 3_{\mathrm{o}}, \mathrm{H} 4_{\mathrm{o}}, \mathrm{H} 5_{\mathrm{o}}, \mathrm{H} 6_{\mathrm{o}}, \mathrm{H} 7_{\mathrm{o}}, \mathrm{H} 8_{\mathrm{o}}, \mathrm{H} 9_{\mathrm{o}}=0$
$>$ at least one of these $\neq 0, \beta{ }_{-} 1_{a}, H 2_{a}, H 3_{a}, H 4_{a}, H 5_{a}, H 6_{a}, H 7_{a}, H 8_{a}, H 9_{\mathrm{a}} \neq 0$
(Note>H1=Product, H2=Place, H3=Promotion, H4=Price, H5=Process, H6=People, H7=Physical Evidence, H8=Brand Equity, H9=Life Style\& Behavior)
$>\beta_{-} \mathrm{H} 1.1_{\mathrm{o}}, \mathrm{H} 1.2_{\mathrm{o}}, \mathrm{H} 1.3_{\mathrm{o}}=0$
$>$ at least one of these $\neq 0$, of $\beta_{-} \mathrm{H} 1.1_{\mathrm{a}}, \mathrm{H} 1.2_{\mathrm{a}}, \mathrm{H} 1.3_{\mathrm{a}} \neq 0$
(Note > H1.1=Packing, H1.2=Quality, H1.3= Taste)
$>\beta_{-} \mathrm{H} 2.1_{\mathrm{o}}, \mathrm{H} 2.2_{\mathrm{o}}, \mathrm{H} 2.3_{\mathrm{o}}=0$
$>$ at least one of these $\neq 0$, of $\beta \_\mathrm{H} 2.1_{\mathrm{a}}, \mathrm{H} 2.2_{\mathrm{a}}, \mathrm{H} 2.3_{\mathrm{a}} \neq 0$
(Note >H2.1 = Convenience area, H2.2= Downtown area, H2.3= Suburb area)
> $\beta_{-} \mathrm{H} 3.1_{0}, \mathrm{H} 3.2_{0}, \mathrm{H} 3.3_{0}=0$
$>$ at least one of these $\neq 0$, of $\beta \_\mathrm{H} 3.1_{\mathrm{a}}, \mathrm{H} 3.2_{\mathrm{a}}, \mathrm{H} 3.3_{\mathrm{a}} \neq 0$
(Note $>$ H3.1 $=$ Discount, H3.2 $=$ Special Menu, H3.3= Gift Vouchers)
$\beta_{-} \mathrm{H} 4.1_{\mathrm{o}}, \mathrm{H} 4.2_{\mathrm{o}}, \mathrm{H} 4.3_{\mathrm{o}}=0$
at least one of these $\neq 0$, of $\beta \_\mathrm{H} 4.1_{\mathrm{a}}, \mathrm{H} 4.2_{\mathrm{a}}, \mathrm{H} 4.3_{\mathrm{a}} \neq 0$
(Note > H4.1 = Fair Price, H4.2= Special Price , H4.3= Delivery Price)
$\beta$ H5.1 ${ }_{\mathrm{o}}, \mathrm{H} 5.2_{\mathrm{o}}, \mathrm{H} 5.3_{0}=0$
at least one of these $\neq 0$, of $\beta \_H 5.1_{a}, \mathrm{H} 5.2_{\mathrm{a}}, \mathrm{H} 5.3_{\mathrm{a}} \neq 0$
(Note > H5.1 = Waiting Time, H5.2= Delivery Time, H5.3= Serve Quickly)
$\beta_{-} H 6.1_{\mathrm{o}}, \mathrm{H} 6.2_{\mathrm{o}}, \mathrm{H} 6.3_{\mathrm{o}}=0$
at least one of these $\neq 0$, of $\beta \_H 6.1_{a}, \mathrm{H} 6.2_{\mathrm{a}}, \mathrm{H} 6.3_{\mathrm{a}} \neq 0$
(Note> H6.1=Service Skill, H6.2=Staff's Personality, H6.3=Well Communication)
$\beta_{-} \mathrm{H} 7.1_{\mathrm{o}}, \mathrm{H} 7.2_{\mathrm{o}}, \mathrm{H} 7.3_{\mathrm{o}}=0$
$>$ at least one of these $\neq 0$, of $\beta$ H7.1 $1_{\mathrm{a}}, \mathrm{H} 7.2_{\mathrm{a}}, \mathrm{H} 7.3_{\mathrm{a}} \neq 0$
(Note > H7.1 = Variety of food, H7.2= Cleanliness, H7.3= Shop Design)
$\beta_{-} \mathrm{H} 8.1_{\mathrm{o}}, \mathrm{H} 8.2_{\mathrm{o}}, \mathrm{H} 8.3_{\mathrm{o}}, \mathrm{H} 8.4_{\mathrm{o}}, \mathrm{H} 8.5_{\mathrm{o}}=0$
$>$ at least one of these $\neq 0$, of $\beta_{-} \mathrm{H} 8.1_{\mathrm{a}}, \mathrm{H} 8.2_{\mathrm{a}}, \mathrm{H} 8.3_{\mathrm{a}}, \mathrm{H} 8.4_{\mathrm{a}}, \mathrm{H} 8.5_{\mathrm{a}} \neq 0$
(Note > H8.1 = Brand Loyalty, H8.2= Brand Awareness, H8.3= Brand
Familiarity, H8.4= Brand Reputation, H8.5= Brand Quality)
$\beta_{-} \mathrm{H} 9.1_{\mathrm{o}}, \mathrm{H} 9.2_{\mathrm{o}}, \mathrm{H} 9.3_{\mathrm{o}}, \mathrm{H} 9.4_{\mathrm{o}}, \mathrm{H} 9.5_{\mathrm{o}}=0$
$>$ at least one of these $\neq 0$, of $\beta_{-} \mathrm{H} 9.1_{\mathrm{a}}, \mathrm{H} 9.2_{\mathrm{a}}, \mathrm{H} 9.3_{\mathrm{a}}, \mathrm{H} 9.4_{\mathrm{a}}, \mathrm{H} 9.5_{\mathrm{a}} \neq 0$
(Note > H9.1 = Social Class, H9.2= Economic Situation, H9.3= Motivation, H9.4= Purchase Behavior, H9.5= Self-Confidence)

### 5.1 Conclusion

According to the demographic data analysis in CH. 4, the required sample size for this research is needed at least 385 respondents but the author summarized 414 respondents according to the numbers of receiving applicants. The respondents are as following;

A majority of fast food consumers are female 231 and 183 of male in total 414 respondents and most of them are KFC consumers. We can analyze that 52 of male and 105 of female choose KFC brand, 61 of Male respondents and 65 of Female respondents choose Pizza Hut brand and 70 of male respondents and 61 of female choices SEASONS brand individually.

A majority of age for fast food consumers are between 21-30 years old ( $\mathrm{n}=184$ ) with customers of $\operatorname{KFC}(\mathrm{n}=69)$ are much more than Pizza Hut $(\mathrm{n}=63)$ and SEASON ( $\mathrm{n}=52$ ) in Yangon Myanmar. The ages between 15 to 20 years are $(\mathrm{n}=48$ ) and ages between 31 to 40 years are $(\mathrm{n}=114)$ and ages between 41 to 60 years are ( $\mathrm{n}=68$ ) respectively.

Based on analysis, the author known that a majority of fast food consumers are employee ( $n=173$ ) including KFC consumers ( $n=50$ ) Pizza Hut consumer ( $n=78$ ) SEASONS consumer ( $\mathrm{n}=45$ ) individually. Student consumers ( $\mathrm{n}=96$ ), Self-Business ( $\mathrm{n}=98$ ) and Dependent ( $\mathrm{n}=47$ ) are fast food consumers.

A majority of fast food consumers are Buddhist ( $\mathrm{n}=242$ ) including KFC consumers ( $\mathrm{n}=100$ ) Pizza Hut consumers ( $\mathrm{n}=80$ ) SEASONS consumers ( $\mathrm{n}=62$ ) individually.

A majority of fast food consumers want to eat at home ( $\mathrm{n}=251$ ), including KFC consumers (n=95) Pizza Hut consumers (n=68) SEASONS consumers (n=88) individually.

The majority of consumers eat fast food sometime ( $\mathrm{n}=235$ ), including KFC consumers ( $\mathrm{n}=91$ ) Pizza Hut consumers ( $\mathrm{n}=69$ ) SEASONS consumers ( $\mathrm{n}=75$ ) individually.

A majority of consumers want to use the brand they always in touch (or) use ( $\mathrm{n}=288$ ) including KFC consumers ( $\mathrm{n}=99$ ) Pizza Hut consumers ( $\mathrm{n}=93$ ) SEASONS consumers ( $\mathrm{n}=96$ ) individually

A majority of consumers want to go to fast food restaurant with friends are ( $\mathrm{n}=240$ ); including KFC consumers ( $\mathrm{n}=90$ ) Pizza Hut consumers ( $\mathrm{n}=79$ ) SEASONS consumers ( $\mathrm{n}=71$ ) individually

A majority of consumers always take care their hygiene are ( $\mathrm{n}=240$ ); including KFC consumers ( $\mathrm{n}=131$ ) Pizza Hut consumers $(\mathrm{n}=105)$ SEASONS consumers ( $\mathrm{n}=114$ ) individually.

A majority of consumers want to go fast food restaurant in the afternoon are ( $\mathrm{n}=165$ ); including KFC consumers ( $\mathrm{n}=50$ ) Pizza Hut consumers ( $\mathrm{n}=56$ ) SEASONS consumers ( $\mathrm{n}=59$ ) individually.

Based on this analysis, most of the customers want to have enough places to sit and have fast food in the restaurant. Like for "not enough place to sit" are about 176 people (42.5\%). In details, KFC consumers ( $\mathrm{n}=67$ ) Pizza Hut consumers ( $\mathrm{n}=52$ ) SEASONS consumers ( $\mathrm{n}=57$ ) individually.

### 5.1.1 Product Factor

Most of the Burmese people are easily bored of flavors and always need new thrill. They care about packing and taste of the product, not quality of food. So that, Fast food industry should provide more facilities for packing of the food and flavors for customer's needs.

### 5.1.2 Place Factor

Most of fast food consumers in Myanmar don't care about convenience area for restaurant locations. They care about downtown or suburb area where the
restaurants are located and they will be satisfied when they have enough place to sit with some other facilities.

### 5.1.3 Promotion Factor

Based on the analysis, the most effective promotion program is giving discount to the customers because fast food consumers in Myanmar like to have discount on their purchases among all of promotion programs like, special menu and gift vouchers. Therefore, quick service restaurant should offer discount program for promotion to get their customer's satisfactions.

### 5.1.4 Price Factor

Based on the analysis, fast food customers in Myanmar like to have special prices and order prices on their purchases than fair prices. Therefore, fast food industry should offer more special prices and order prices to their customers and to achieve the market demand.

### 5.1.5 Process Factor

Based on the analysis, delivery time is important and significant for fast food customers in Myanmar because they don't much care about waiting time and serve quickly time at the restaurant. They only care is the delivery time when they order from outside or home. Therefore, fast food industry should take care more about the time when the customers purchase their order.

### 5.1.6 People (Staff) Factor

Based on the analysis, most of the fast food consumers in Myanmar care about staff's hospitality and well communication when they order from home or purchase at the restaurant although they don't even care about service skill. Therefore, quick service industries should offer good hospitality and communication to their customers and to achieve the market demand.

### 5.1.7 Physical Evidences Factor

According to the analysis, most of Burmese fast food consumers want to have variety of product that giving them chances to choices and they also care about restaurant design and decoration more than cleanliness because most of the consumers in Myanmar want to come with friends or family and enjoy the food at the restaurant. Therefore, quick service restaurants in Myanmar should offer a lot of variety of food and nice restaurant decoration to maintain customers.

### 5.1.8 Brand Equity Factor

According to the analysis, most of the fast food consumers in Myanmar have Brand Awareness for the brand when they choice the restaurant at. The rest of H8.1, H8.3, H8.4 and H8.5; brand loyalty, brand familiarity, brand reputation and brand quality are not significantly influences consumer's brand choice decision for QSR in Yangon, Myanmar. Therefore, KFC and Pizza Hut industries should offer good quality of product and good service and up to date the information to their customers and to achieve the trust worth of the brands.

### 5.1.9 Customer's Behavior and Life Style Factor

According to the analysis, most of the fast food consumers have good social classes, motivation and self-confidence but KFC consumers don't have good economic situation like Pizza Hut consumers. Therefore, KFC industry should keep taking care in retail prices to maintain their customers and Pizza Hut consumers have good economic situation that why price factor is not a big problem for Pizza Hut Company.
5.2 Recommendation for Future Research

This research can use to analyze the information of customer's behavior, attitude towards to brand equity, marketing mix, country of origin consequence to the fast food. Even this study imparts the fast food business approach; there are many regions to be observed in the future. This study will benefit for fast food business in Myanmar to understand awareness and acceptance of customers to improve their
strategy. The future research should find more about the needs of customer toward the product, the culture impact toward to the customer's behavior and the opportunities of country to extend the fast food business.

Because of the government's movement to start open the country's economy; Myanmar has been receiving a lot of attention in recent years so that a lot of Global companies have been lining up to take advantage of an underpenetrated market in Myanmar. There are a lot of tourist attraction places all around the country and it is a big opportunities for our Company to expend the business. That is one of culture effect for fast food industries. After analyzing consumers perception and acceptances culture, it is very clear that quick service restaurant (QSR) in Myanmar are growing very well. Through Myanmar is poor developing country, it is opportunities for expending business well if industry can provide better service and good quality.

Burmese fast food consumers like to have good product, with good price and with good service. They are care about the physical vision such as packing of food, and they have brand awareness for the fast food. Most of the Burmese people have good social network and they are willing to test new restaurant and want to enjoy the food. They want to go to restaurant with friends or family and sit there and purchase the product. So that the problem for them is they need to have enough places to sit at the restaurant. According to this study, most of the Burmese customers care about restaurant design and decoration and well communication with staffs in the restaurant and get many varieties of products. Therefore, the future research should study about these things to understand more about the problem or complains of consumers and how to solve their problem for quick service restaurant.

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## APPENDIX A

## The result of IOC

IOC: Item-Objective Congruency Index
Five experienced experts

### 1.5.1 Content Validity

According to advisor, the author tested validity test by asking expert 5 people to check the questions to correct for the most appropriate and easy for applicants to answer the questionnaire survey form.

$$
\mathrm{IOC}=\frac{\Sigma \mathrm{R}}{N}
$$

IOC = Consistency between the objective and content or questions and objective.
$\sum \mathrm{R} \quad=$ Total assessment points given from all qualified experts.
$\mathrm{N}=$ Number of qualified experts


| Question | The experts |  |  |  |  | $\Sigma \mathbf{R}$ | $\frac{\Sigma \mathbf{R}}{\mathbf{x}}$ | Interpretation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 |  |  |  |
| Product |  |  |  |  |  |  |  |  |
| Packing | 0 | 1 | 1 | 1 | 0 | 3 | 0.6 | Acceptable |
| Quality | 0 | 1 | 0 | 1 | 1 | 3 | 0.6 | Acceptable |
| Taste | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Place |  |  |  |  |  |  |  |  |
| Convenience area | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Downtown area | 0 | 1 | 0 | 1 | 1 | 3 | 0.6 | Acceptable |
| Suburb area | 0 | 1 | 0 | 1 | 1 | 3 | 0.6 | Acceptable |
| Promotion |  |  |  |  |  |  |  |  |
| Discount | 1 | 1 | 0 | 1 | 1 | 4 | 0.8 | Acceptable |
| Special Menu | 0 | 1 | -1 | 0 | 1 | 1 | 0.2 | Deny |
| Gift Vouchers | 1 | 1 | 1 | 0 | -1 | 2 | 0.4 | Deny |
| Price |  |  |  |  |  |  |  |  |
| Fair Price | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Special Price | 0 | 1 | 0 | 1 | 1 | 3 | 0.6 | Acceptable |
| Order Price | 1 | 0 | 1 | 0 | 1 | 3 | 0.6 | Acceptable |
| Process |  |  |  |  |  |  |  |  |
| Waiting time | 1 | 0 | 1 | 0 | 1 | 3 | 0.6 | Acceptable |
| Delivery time | 0 | 0 | 0 | 1 | 1 | 2 | 0.4 | Deny |
| Serve quickly | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| People |  |  |  |  |  |  |  |  |
| Friendliness | 1 | 1 | 0 | 1 | 1 | 4 | 0.8 | Acceptable |
| Politeness | 1 | 0 | 1 | 0 | 1 | 3 | 0.6 | Acceptable |
| Well Communication | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Physical Evidence |  |  |  |  |  |  |  |  |
| Variety of Food | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Cleanliness | 0 | 1 | 0 | 1 | 1 | 3 | 0.6 | Acceptable |
| Shop Design | 1 | 0 | 1 | 1 | 0 | 3 | 0.6 | Acceptable |
| Brand Equity |  |  |  |  |  |  |  |  |


| Brand Loyalty | 1 | 0 | 1 | 0 | 1 | 3 | 0.6 | Acceptable |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Brand Awareness | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Brand Familiarity | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Brand Reputation | 1 | 1 | 0 | 1 | 1 | 4 | 0.8 | Acceptable |
| Brand Quality | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Life Style and Behavior |  |  |  |  |  |  |  |  |
| Social Class | 1 | 1 | 0 | 1 | 0 | 3 | 0.6 | Acceptable |
| Economic Situation | 1 | 1 | 1 | 0 | 1 | 4 | 0.8 | Acceptable |
| Motivation | 0 | 1 | -1 | 1 | 1 | 2 | 0.4 | Deny |
| Purchase Behavior | 1 | 1 | 1 | 0 | 1 | 4 | 0.8 | Acceptable |
| Self-Confidence | 1 | 1 | 0 | 1 | 0 | 3 | 0.6 | Acceptable |


| Question |  |  | xp |  |  | $\Sigma \mathrm{R}$ | $\Sigma \mathrm{R}$ | Interpretation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | 1 | 2 | 3 | 4 | 5 |  | $\mathbf{x}$ |  |
| Demographic Information |  |  |  |  |  |  |  |  |
| Gender <br> 1. Male <br> 2. Female | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Age <br> 1. 15-20 years <br> 2. 21-30 years <br> 3. 31-40 years <br> 4. 41-60 years | 1 | 1 | 1 | 1 | 1 | $5$ | 1 | Acceptable |
| Occupation <br> 1. Student <br> 2. Employee <br> 3. Self-Business <br> 4. Dependent | 1 | 1 | 1 | 1 | 1 | 5 | 1 | Acceptable |
| Religion <br> 1. Buddhist <br> 2. Christian | 1 | 0 | 1 | 0 | 1 | 3 | 0.6 | Acceptable |


| 3. Muslim <br> 4. Hindu <br> 5. Other |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| General Information |  |  |  |  |  |  |  |  |


| eat? <br> 1. Spicy <br> 2. Sweet <br> 3. Sour <br> 4. Salt |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| What type of food do you <br> prefer to eat? <br> 1. Burmese Food <br> 2. Chinese Food |  |  |  |  |  |  |  |  |


| 2. Give Vouchers <br> 3. Cash Discount |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| What is the main problem <br> that you face in QSR? <br> 1. Long Queue <br> 2. Wrong receive your <br> order | 1 | 1 | 1 | 0 | 1 | 4 | 0.8 | Acceptable |
| 3. Not enough place to <br> sit |  |  |  |  |  |  |  |  |

Therefore,

$$
\begin{aligned}
\text { IOC } & =\frac{42.4}{57} \\
& =0.74
\end{aligned}
$$

The assessment result of questions on this questionnaire has value index of item objective congruence (IOC) equal to 0.74 with one question that has IOC index less than 0.5 .

## Appendix B

## Reliability Test

Case Processing Summary

|  |  | N | $\%$ |
| :--- | :--- | ---: | ---: |
| Cases | Valid | 32 | 45.7 |
|  | Excluded $^{\mathrm{a}}$ | 38 | 54.3 |
|  | Total | 70 | 100.0 |

Reliability Statistics


Item Statistics

|  | Mean | Std. <br> Deviation | N |
| :---: | :---: | :---: | :---: |
| Product | 5.00 | 1.244 | 32 |
| Place | 5.06 | 1.190 | 32 |
| Promotion | 5.22 | 1.237 | 32 |
| Price | 5.34 | 1.208 | 32 |
| Process | 5.13 | 1.008 | 32 |
| People | 5.06 | 1.045 | 32 |
| Physical Evidence | 5.25 | 1.078 | 32 |
| Brand equity | 5.63 | 1.362 | 32 |
| Behavior | 5.28 | 1.054 | 32 |
| Life Style | 5.16 | 1.568 | 32 |
| Packing | 3.75 | . 508 | 32 |


|  |  |  |  |  |  | $\begin{aligned} & \text { ¿. } \\ & \stackrel{y}{\gtrless} \end{aligned}$ |  | $\begin{aligned} & 0 \\ & \stackrel{0}{7} \\ & \stackrel{\rightharpoonup}{0} \\ & \ddot{0} \\ & 80 \end{aligned}$ |  |  |  |  | 0 0 0 0 0 0 0 | $\begin{aligned} & \text { 够 } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | 䍂 |  |  |  | $\begin{aligned} & \tilde{\mathscr{V}} \\ & \dot{E} \\ & \dot{E} \end{aligned}$ | $\begin{aligned} & 0 \\ & 0 \\ & \text { y } \\ & 0 \\ & 0 \\ & z \end{aligned}$ |  | $\begin{aligned} & \overrightarrow{\tilde{W}} \\ & \stackrel{\rightharpoonup}{\sigma} \end{aligned}$ | 第 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \omega \\ & \infty \\ & + \end{aligned}$ | $\stackrel{\underset{\sim}{e}}{ }$ | $\begin{aligned} & \omega \\ & \infty \\ & \infty \\ & \infty \end{aligned}$ | $\begin{aligned} & \omega \\ & \dot{\infty} \\ & \dot{\infty} \end{aligned}$ | $\stackrel{t}{8}$ | $\stackrel{\rightharpoonup}{\dot{\omega}}$ | Q | $\stackrel{\underset{\sim}{\omega}}{ }$ | $\begin{aligned} & w \\ & \dot{\circ} \\ & \hline \end{aligned}$ | $\stackrel{+}{\underset{\sim}{+}}$ | $\stackrel{+}{ \pm}$ | $\stackrel{+}{\dot{U}}$ | $\stackrel{+}{8}$ | － | $\begin{aligned} & w \\ & \dot{p} \end{aligned}$ | $\stackrel{+}{+}$ | $0$ | $\stackrel{\omega}{\infty}$ | $\frac{+}{8}$ | $\underset{\sim}{N}$ | － | $\stackrel{+}{ \pm}$ | $\stackrel{+}{i}$ | $\stackrel{+}{+}$ |
| $\stackrel{+}{\infty}$ | $\ddagger$ | $\begin{gathered} \text { ün } \\ \hline \end{gathered}$ | 垈 | $\frac{\dot{0}}{6}$ | $\dot{\omega}$ | $\dot{ \pm}$ | i | ò | $\stackrel{\ddot{4}}{\stackrel{\rightharpoonup}{4}}$ | à | $\begin{aligned} & \text { in } \\ & \text { un } \end{aligned}$ | $\begin{aligned} & \dot{a} \\ & \text { a } \end{aligned}$ | 货 | $\begin{aligned} & \text { in } \\ & \text { I } \end{aligned}$ | ف\％ | $\underset{\sim}{i}$ | فి心. | ふ̀ | $\dot{\sim}$ | $\stackrel{+}{\square}$ | Q | $\underset{\infty}{ \pm}$ | 3 |
| N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |


| Brand quality | 4.13 | .609 | 32 |
| :--- | :--- | :--- | :--- |
| Social Class | 4.00 | .672 | 32 |
| Economic situation | 3.75 | .803 | 32 |
| Motivation | 4.00 | .508 | 32 |
| Purchase Behavior | 3.81 | .644 | 32 |
| Self confidence | 3.88 | .609 | 32 |

Item-Total Statistics

|  | Scale Mean <br> if Item <br> Deleted | Scale <br> Variance if <br> Item Deleted | Corrected <br> Item-Total <br> Correlation | Cronbach's <br> Alpha if Item <br> Deleted |
| :--- | ---: | ---: | ---: | ---: |
| Product | 172.78 | 317.918 | .795 | .945 |
| Place | 172.72 | 320.467 | .772 | .945 |
| Promotion | 172.56 | 317.480 | .811 | .945 |
| Price | 172.44 | 320.835 | .750 | .945 |
| Process | 172.66 | 324.039 | .818 | .945 |
| People | 172.72 | 320.660 | .882 | .944 |
| Physical Evidence | 172.53 | 324.128 | .759 | .945 |
| Brand equity | 172.16 | 312.330 | .843 | .945 |
| Customer Behavior | 172.50 | 324.774 | .760 | .945 |
| Life Style | 172.63 | 330.565 | .381 | .951 |
| Packing | 174.03 | 342.741 | .625 | .947 |
| Quality | 173.31 | 338.351 | .646 | .947 |
| Taste | 173.25 | 341.290 | .488 | .947 |
| convenience area | 173.41 | 346.894 | .330 | .948 |
| Downtown | 173.88 | 347.468 | .407 | .948 |
| Suburb | 174.06 | 349.544 | .224 | .949 |




Scale Statistics

| Mean | Variance | Std. <br> Deviation | N of <br> Items |
| :---: | :---: | ---: | ---: |
| 177.78 | 354.757 | 18.835 | 41 |

Reliability Statistics

| Cronbach's <br> Alpha | N of Items |
| ---: | ---: |
| .945 | 10 |

Item Statistics

|  | Mean | Std. <br> Deviation | N |
| :--- | ---: | ---: | ---: |
| Product | 5.00 | 1.244 | 32 |
| Place | 5.06 | 1.190 | 32 |
| Promotion | 5.22 | 1.237 | 32 |
| Price | 5.34 | 1.208 | 32 |
| Process | 5.13 | 1.008 | 32 |
| People | 5.06 | 1.045 | 32 |
| Physical | 5.25 | 1.078 | 32 |
| Evidence | 5.63 | 1.362 | 32 |
| Brand equity | 5.28 | 1.054 | 32 |
| Customer | 5.16 | 1.568 | 32 |
| Behavior |  |  |  |
| Life Style |  |  | 32 |

Item-Total Statistics

|  | Scale Mean <br> if Item <br> Deleted | Scale <br> Variance if <br> Item Deleted | Corrected <br> Item-Total <br> Correlation | Cronbach's <br> Alpha if Item <br> Deleted |
| :--- | ---: | ---: | ---: | ---: |
| Product | 47.13 | 77.919 | .831 | .936 |
| Place | 47.06 | 78.706 | .834 | .936 |
| Promotion | 46.91 | 77.378 | .864 | .934 |
| Price | 46.78 | 78.886 | .810 | .937 |
| Process | 47.00 | 82.774 | .760 | .940 |
| People | 47.06 | 80.319 | .871 | .935 |
| Physical | 46.88 | 80.758 | .816 | .937 |
| Evidence | 46.50 | 77.677 | .758 | .940 |
| Brand equity | 46.84 | 80.588 | .847 | .936 |
| Customer | 46.97 | 81.451 | .488 | .957 |
| behavior |  |  |  |  |
| Life Style |  |  |  |  |

Scale Statistics

| Mean | Variance | Std. <br> Deviation | N of <br> Items |
| ---: | ---: | ---: | :---: |
| 52.13 | 97.726 | 9.886 | 10 |

Reliability Statistics

| Cronbach's <br> Alpha | N of Items |
| ---: | ---: |
| .908 | 21 |

Item Statistics

|  | Mean | Std. <br> Deviation | N |
| :--- | ---: | ---: | ---: |
| Packing | 3.75 | .508 | 32 |
| Quality | 4.47 | .671 | 32 |
| Taste | 4.53 | .718 | 32 |
| Convenience area | 4.38 | .609 | 32 |
| Downtown | 3.91 | .466 | 32 |
| Suburb | 3.72 | .581 | 32 |
| Discount | 4.00 | .672 | 32 |
| Special Menu | 3.81 | .693 | 32 |
| Gift Vouchers | 3.97 | .538 | 32 |
| Fair price | 4.44 | .669 | 32 |
| Special price | 3.94 | .564 | 32 |
| Order price | 3.97 | .595 | 32 |
| Waiting time | 4.09 | .466 | 32 |
| Delivery time | 4.03 | .595 | 32 |
| Serve quickly | 4.44 | .669 | 32 |
| Service skill | 4.34 | .745 | 32 |
| Staff's hospitality | 3.94 | .669 | 32 |
| Well | 4.31 | .644 | 32 |
| communication | 4.03 | .647 | 32 |
| Variety | 4.34 | .653 | 32 |
| Cleanliness | 4.06 | .619 | 32 |
| Restaurant design |  |  |  |

Item-Total Statistics

|  | Scale Mean if Item Deleted | Scale <br> Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| :---: | :---: | :---: | :---: | :---: |
| Packing | 82.72 | 55.241 | . 613 | . 902 |
| Quality | 82.00 | 53.161 | . 666 | . 900 |
| Taste | 81.94 | 53.867 | . 545 | . 903 |
| Convenience area | 82.09 | 56.539 | . 351 | . 908 |
| Downtown | 82.56 | 56.835 | . 438 | . 906 |
| Suburb | 82.75 | 59.226 | . 063 | . 914 |
| Discount | 82.47 | 53.225 | . 658 | . 900 |
| Special Menu | 82.66 | 54.814 | . 471 | . 905 |
| Gift Vouchers | 82.50 | 57.032 | . 345 | . 907 |
| Fair price | 82.03 | 53.644 | . 616 | . 901 |
| Special price | 82.53 | 54.064 | . 692 | . 900 |
| Order price | 82.50 | 56.387 | . 379 | . 907 |
| Waiting time | 82.38 | 56.435 | . 497 | 905 |
| Delivery time | 82.44 | 54.254 | . 630 | . 901 |
| Serve quickly | 82.03 | 53.709 | . 609 | . 902 |
| Friendliness | 82.13 | 53.468 | . 560 | . 903 |
| Politeness | 82.53 | 53.031 | . 682 | . 900 |
| Well communication | 82.16 | 53.814 | . 624 | . 901 |
| Variety | 82.44 | 53.996 | . 601 | . 902 |
| Cleanliness | 82.13 | 52.887 | . 717 | . 899 |
| Restaurant design | 82.41 | 54.959 | . 522 | . 904 |


| Mean | Variance | Std. <br> Deviation | N of <br> Items |
| :---: | ---: | ---: | ---: |
| 86.47 | 60.128 | 7.754 | 21 |

Reliability Statistics

| Cronbach's <br> Alpha | N of Items |
| ---: | ---: |
| .871 | 5 |


|  | Mean | Std. <br> Deviation | N |
| :--- | ---: | ---: | ---: |
| Brand Loyalty <br> Brand <br> Awareness <br> Brand <br> Familiarity | 3.88 | .554 | 32 |
| Brand <br> Reputation | 3.88 | .554 | 32 |
| Brand quality | 4.13 | .647 | 32 |

Item-Total Statistics

|  | Scale Mean if <br> Item Deleted | Scale <br> Variance if <br> Item Deleted | Corrected <br> Item-Total <br> Correlation | Cronbach's <br> Alpha if Item <br> Deleted |
| :--- | ---: | ---: | ---: | ---: |
| Brand Loyalty <br> Brand <br> Awareness | 15.88 | 3.532 | .698 | .844 |


| Brand <br> Familiarity | 15.72 | 3.176 | .735 | .836 |
| :--- | ---: | ---: | ---: | ---: |
| Brand <br> Reputation | 15.91 | 3.959 | .635 | .861 |
| Brand quality | 15.63 | 3.339 | .710 | .841 |

Scale Statistics

| Mean | Variance | Std. <br> Deviation | N of <br> Items |
| :--- | ---: | ---: | ---: |
| 19.75 | 5.290 | 2.300 | 5 |

Reliability Statistics


Item Statistics

|  | Mean | Std. <br> Deviation | N |
| :--- | ---: | ---: | ---: |
| Social Class <br> Economic <br> situation | 4.00 | .672 | 32 |
| Motivation | 3.75 | .803 | 32 |
| Purchase <br> Behavior | 3.81 | .508 | 32 |
| Self confidence | 3.88 | .644 | 32 |

Item-Total Statistics

|  | Scale Mean <br> if Item <br> Deleted | Scale <br> Variance if <br> Item Deleted | Corrected <br> Item-Total <br> Correlation | Cronbach's <br> Alpha if Item <br> Deleted |
| :--- | :---: | :---: | :---: | :---: |


| Social Class | 15.44 | 4.577 | .539 | .841 |
| :--- | ---: | ---: | ---: | ---: |
| Economic <br> situation | 15.69 | 3.770 | .693 | .804 |
| Motivation | 15.44 | 4.770 | .698 | .807 |
| Purchase <br> Behavior | 15.63 | 4.242 | .723 | .791 |
| Self confidence | 15.56 | 4.512 | .655 | .810 |


| Mean | Variance | Std. <br> Deviation | N of <br> Items |
| :---: | ---: | ---: | ---: |
| 19.44 | 6.577 | 2.564 | 5 |

It is the short survey to understand the consumer's brand choice decision for quick service restaurant business in Myanmar, focusing on three brands(KFC, Pizza Hut \& SEASONS).
*This survey will take a few minutes of your time and we greatly appreciate for your input.
*Please kindly think through the questions carefully in each \& indicate your responses by selecting the most appropriate choice.
*Thank you for your co-operation.






* Required

1. Gender *

- Male
- Female

2. Age *

- 15-20 years
- 21-30 years Edit this f
- 31-40 years
- 41-60 years

3. Occupation? *


- Student (6mp\&ะ00:/0̃)
- Employee ( $0 \$ 066$ )

- Dependent (

4. Religion? *


- Buddhist
- Christian
- Muslim
- Hindu
- Other:

5. Do you usually cook at home for daily meals or eat outside?




6. What is your most favorite one among this three fast food restaurants?



- KFC
- Pizza Hut
- SEASONS

7. How often do you eat fast food ? *


- Never (muీcomey 60n:0l)
- Sometime (ळอிo๑ீ)



8. Do you always choose the brand that you always like? *


- Yes
- No

9. Please rank these factors that are influencing on your brand choice decision for fast food. *







| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

9．1 Product（0هৃల ：）
9．2 Place（6\＄ๆ）

9．4 Price（60ృఃฐ£ీ）





9．10．Life Style（ $6 \$ 0$ ిદ
10．How are these factors affecting on your decision for fast food restaurant？＊




$\begin{array}{lllll}1 & 2 & 3 & 4 & 5\end{array}$


10．3 Taste（ふ๑๑๐）

10．5 Downtown（局｜．○と。）
10．6 Suburb（（






11. How are these factors affecting for your decision to choice the restaurant?



1. Strongly disagree (


| 1 | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- |

11.1 Waiting time (6ைరీণจిई)


11.4 Friendliness (6र્બఠ囚ู)
11.5 Politeness (0ున్రీఁగ|ఃจำ|




12. How would you rank your brand choice decision? *




$\begin{array}{lllll}1 & 2 & 3 & 4 & 5\end{array}$






## 


12.8 Motivation (80SOk (OD:్T)


13. How often do you go to Fast Food Restaurant?


- Never (றuీcompuoniol)
- Once a week (ocuoo oal)
- 2 times per week ( 0 טó J a)


14. Which taste do you prefer to eat? (You can select one or more) *


- Spicy (320 )
- Sweet (३จฝึ|)
- Sour ( $ว จ \mathfrak{్})$


15. What type of food do you prefer to eat? (You can select one or more) *


- Burmese Food (6§ 6 (



- Other:

16. With whom you like to go to the fast food restaurant? *


- Family ( $800 \times 9$ )

- Alone (ం60ుகీంల్ః)

17. Are you always caring about hygiene in choosing your food? *


- Yes (๑โీః๓ఃున్రీ)
- No ( (อ0నీఃఃఃO)

18. What is the most suitable timing for visiting to KFC, Pizza Hut and SEASONS? *






- Late night (حువగీరిEః)

19. What is the most attractive promotion that makes you purchase fast food? (You can select one and more) *





20. What is main problem that you face in Quick service restaurant? *





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