

## UNIVERSITI TEKNOLOGI MALAYSIA

# **PROGRAMMING TECHNIQUE II (SCSJ10123)**

# **SEMESTER II 2015/2016**

**GROUP PROJECT**

*Fast Food Restaurant Ordering System*

PART I

POGRAM DESIGN

GROUP MEMBERS:

1. AISHAH AINI BINTI NOR’AZAM (A16CS0010)
2. MOHD IZZAT BIN MOHD AZHAR (A16CS0086)

1 SCSJ

SECTION 04

Lecturer:

P.M. NORANIAH MOHD. YASSIN

13 APRIL 2017

**SECTION A: PROJECT DESCRIPTION**

Fast food is becoming more and more relevant as the time goes by since people are getting busier day by day with works and their life. Thus, people doesn’t really have the time to cook for themselves and fast food seems like an excellent option. Our project is to design a system for ordering fast food online in hope this system might ease the work of the worker with ordering food.

So, the flow idea is;

1. Ask Customer either dine in or take away
2. Start getting order
3. Ask for confirmation order
4. Payment
5. Show receipt

For step 1, the customer may have wanted to choose either to dine in or take away so we provided those option for them to choose their preference. Moving to step2, here is where all the information of orders is going to take into account. In this step, we provided various type of menu from set to ala carte and we also provide the customer to upgrade their meal in case they are super hungry. After all the orders has been entered, the system will ask for confirmation order or ask the customer either they wanted to add more menu in their cart. Then the customer makes the payment and the receipt will be shown after the payment have succeeded.

**SECTION B: SCREEN / INTERFACE DESIGN**

1. Welcome Screen

This is the home screen for our system.

WELCOME TO

AJ BURGER.CO

<Alamat>

<Contact Number>

1. Dine Option

We provide two option either to Dine in or Take away for the customer. Because some prefer to dine in since they might be busy with their work and stuff.

WELCOME TO

AJ BURGER.CO

1. Dine In
2. Take Away

Choose your option >>

1. List of Menu & Entering Order

This is what we plan to have in our menu set. We have set and also ala carte in case they just want burgers. We also provide if they want to upgrade their meals with extra charge of RM 1.60.

======================== AJ BURGER.CO ========================

[LIST MENU]

1. SET A RM 10.00

Beef Burger + Fries + Drink

1. SET B RM 11.00

Chicken Burger + Fries + Drink

1. SET C RM 12.00

Fried Chicken + Fries + Drink

1. SET D RM 13.00

Fillet O’Fish + Fries + Drink

1. SIDE DISHES
2. Fries RM 4.00
3. Nugget RM 6.00
4. Bubur RM 5.00

All the above menu price is for Medium Size.

Upgrade large add on RM 1.60.

Enter Your Order >>

1. Confirmation Order & Receipt

Before cash out, we ask the customer either they confirm their order as if maybe they want to change their orders.

======================== AJ BURGER.CO ========================

[YOUR ORDER]

QTY ITEM PRICE

01 SET A RM 10.00

Upgrade (L) + 1.60

01 Nugget RM 4.00

Confirm your order? >>

Lastly we show them the receipt and the payment they made.

======================== AJ BURGER.CO ========================

[YOUR ORDER]

QTY ITEM PRICE

01 SET A RM 10.00

Upgrade (L) + 1.60

01 Nugget RM 4.00

TOTAL RM 15.60

CASH TENDERED RM 30.00

BALANCE RM 14.40

**SECTION C: CLASS DIAGRAM**

|  |
| --- |
| OrderFood |
| Choice : int  FoodSet : int  Quantity : int  Price : float |
| + setChoice ()  + setFoodSet ()  + setQuantity ()  + setPrice ()  + getChoice ()  + getFoodSet ()  + getQuantity ()  + setPrice () |