

PROG 1003

Fundamentals Of Software Design & Developments

Lecturer

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Title

McDonald’s Order System

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Table Of Content

|  |  |  |
| --- | --- | --- |
| Number | Content | Page Number |
| 1 | Cover Pages |  |
| 2 | Table of Content |  |
| 3 | Introduction |  |
| 4 | Function |  |
| 5 | User Manual |  |
| 6 | Screenshot |  |
| 7 | Algorithm |  |
| 8 | Appendix |  |

1. Introduction

Our company is a fast food shop. The main meals that provided in our shop are burger, nuggets, french fried, fried chicken, soda drink, dessert and others. We are going to promote a system that we have created. This system is about an ordering system. The customers not must be in our shop to make their order as the system is an online order system. Our system not just offer for the customer to call delivery and it also offer the customer in the shop to finish and take their order faster than before. The delivery system that offer in our system is not by calling but by key in customers’ data. This is to prevent customers who do not want to contact with other people. They just need to key in their data include their house address. On the other hand, for the customers who order at our shop, we also provide our system to them to shorten their order time. They just need to pay for their payment at the counter and told the shopkeeper what they want to order.

1. Function

This is an order system for the McDonald’s customer. Firstly, customer can either choose whether they want to order for a meal, view their receipt, stop or exit from this order system. For the customers who come for the first time, they cannot view their receipt as the system does not have their data if they select the order section. Hence, the customer must enter “1” to order a meal and key in their on data such as customers’ name, mobile number, today’s date and email. Next, customer need to select their payment method, either pay by cash or debit card. Customers who want to pay by debit card are required to enter the card number. Next, customer may choose either they want to eat here, take away, delivery or cancel their order. For the customer who wants to have the meal that they have ordered by delivery, they might need to provide us their home address. After that, the menu will show by the system by pressing “1”. The total meals we have is around 5 types ,which is “Packages Meals”, “AlaCarte Meals”, “Dessert”, “Drink” and “Happy Meal”. There are 30 meals for customer to choose. The customer can select the meal they want to buy by entering the number on the menu. The meals that choose by customer will be display before they enter the quantity of the meals. Next, customer will also ask whether he/she want to continue their order or not.

After the customer finish their order, the system will pop up again and let customer to choose whether they want to order, view receipt or exit from the order system. This time, customer may enter 2 to view their receipt by key in their name to search their receipt. Customers’ name, phone number, today’s date, email, and total of their payment will be provided in the receipt. The system will not stop unless the user key in 3 to exit the system.

1. Start
2. Enter 1 to order, 2 to receipt, 3 to exit
3. If enter==1, go to Booking()

If enter==2, go to Receipt()

If enter==3, exit the program

1. Booking()
2. Enter name, phone number, date, email
3. Enter 1 to pay by cash, 2 to pay by bank card

If pay==1, enter 1 to view menu

If pay==2, enter bank card number

1. Enter 1 to view menu
2. Enter number to choose the food
3. Enter quantity
4. Enter 1 to confirm,2 to continue

If confirm==1, display total

If confirm==2, view menu and key in quantity

1. Enter 1 to order, 2 to receipt, 3 to exit
2. Receipt()
3. Enter your name to search the receipt

If name==name,

Display name, phone number, date, email, total price

1. Enter 1 to order, 2 to receipt, 3 to exit
2. System.exit(0)
3. End3.User Manual
4. Main()

* Enter 1 to Booking/Order (Booking())
* Enter 2 to view Receipt (Receipt())
* Enter 3 to exit

1. Booking()

* Enter name, phone number, date, email
* Enter payment method(1 by cash, 2 by bank card)

-if payment method is 1, go to buy method

-if payment method is 2, go to enter bank card number, then go to buy method

* Enter buy method:

1. eat here, 2-take away, 3-delivery, 4-cancel order

-if buy method is 1 and 2, then enter 1 to view menu

-if buy method is 3, enter address before you enter 1 to view the menu

-if buy method is 4, go back to main()

* Enter 1 to view menu
* Enter 1-30 to choose the food
* Enter quantity
* Enter 1 or 2 to confirm your order

-if confirm order is 1, back to menu and add on other food that you want to buy

-if confirm is 2, total amount of your payment will display out

* Display payment
* Go back to main()

1. Receipt()

* From main(), Enter 2 to view Receipt(Receipt())
* To search your receipt, please enter your name
* Receipt:

-Name:

-Phone Number:

-Date:

-Email:

-Total: