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Project Proposal
Assignment # 1

Introduction

Food ordering automation system; Includes menu, order, payment and table information. It will store information in the MySQL database. For user interface, C# will be used. The details of the project are given below:

List of Objects

The project mainly consists of following entities.

- 1. Customer*
- 2. Order System*
- 3. Menu*
- 4. Payment*
- 5. Cash transactions*
- 6. Staff*
- 7. Reservation*
- 8. Pack order*
- 9. Table*
- 10. Discount*

Detailed functions

Function Name	Description
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1. Customer

Adding Customer	Add a new customer to database
Customer Update	Delete an existing customer from database using Customer ID
Customer listing	Update an existing customer from database using customer ID
Customer Search	Search students
Search Customer Name	Search by Customer's name
Search Customer Surname	Search by Customer's surname
Search Customer Phone Number	Search by Customer's number
Search Customer E-mail	Search by Customer's e mail
Customer Addition ID	Search students by ID

2. Order System

Order completion	Order completion
Add order	<i>adds order</i>
Order deletion	<i>Order deletes</i>
Order total	<i>shows the total cost of the order</i>
Special discount	<i>receive and apply the discount amount</i>
Payment Type	<i>instant payment system</i>

3. Menu

Menu category	categorizes food types
Food name	shows and add the name of the dish
Food price	shows the price of the dish
Add Food	Add Food
Change food	Change food
Search Food	Search Food
Delete Food	Delete Food

4. Payment

<i>Payment method</i>	cash, credit card ,payment system
<i>Add Payment</i>	Add Payment
<i>Delete Payment</i>	Delete Payment
<i>Update Payment</i>	Update Payment

5. Cash transactions

<i>Report</i>	reports on the cash register
<i>View</i>	View cash transactions

6. Staff

<i>Adding staff</i>	<i>add staff</i>
<i>Update staff</i>	<i>Update staff</i>
<i>Delete Staff</i>	<i>delete staff</i>
<i>Staff duty</i>	<i>sets staff duties</i>
<i>Save Staff</i>	<i>saves staff</i>
<i>Customer Login</i>	Log into the system
<i>Customer LogOut</i>	Log out of the system
<i>View Employees</i>	Show all staff
<i>Search Staff</i>	Search staff by name or id

7. Reservation

<i>Table Number</i>	numbers the tables
<i>Update Reservation</i>	Update Reservation
<i>Add Reservation</i>	Add Reservation
<i>Delete Reservation</i>	Delete Reservation
<i>View</i>	<i>View reservation</i>

8. Pack order

<i>Add Pack order</i>	<i>Add Pack order</i>
<i>Delete Pack Order</i>	<i>Delete Pack Order</i>
<i>Update Pack Order</i>	<i>Update Pack Order</i>
<i>Pack Order ID</i>	Searc pack by ID
<i>Pack Order Date</i>	<i>shows order date</i>

9.Table

<i>Add Table</i>	Add Table
<i>Update Table</i>	Update Table
<i>Delete Table</i>	Delete Table
<i>Table occupancy</i>	Gives table occupancy information

10. Discount

Add Discount	Add Discount
Delete Discount	Delete Discount
Update Discount	Update Discount