**Bangladesh Army University of Engineering & Technology**

**Project Paper(Thesis)**

**Restaurant Management System**

**Group no : 07**

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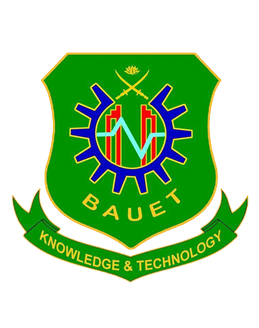
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**RESTAURANT MANAGEMENT SYSTEM**

**Introduction: A restaurant which can be managed by an application which can read the order of the guests and send it to the cook of the following restaurant. The cook will receive the order and make it possible for the guest.**

**The menu card will display the main frame like the picture below. Here the mainframe will display the food items of all countries which is available. And the sub menus will show the foods are available in the following day.**

Frame



There will also an option which will supports to online order. If any customer wants home delivery then he/she will be able to have it.

**User of the system**  
  
customer, administrator  
  
**Customer**  
  
This user will register to be a member to use the online system of this online system. This online ordering divided into two type of customer; it is customer dine-in ordering and takeaway ordering. For dine in ordering, customer will view menu, make online ordering and make a reservation table. This system allows customer to place an order or allow him to cancel the book order.  But takeaway ordering, customer can view menu and online ordering without reservation table. During login, the costumer has to enter the time of delivery, and the menu items will appear accordingly. As availability of items differ from time to time. After customer make online ordering, customer can take ordering the date that customer was choose during make online ordering. Customers can search menu according to price range and the category as well, Event though, customer must confirm online ordering with restaurant three days before customer take the ordering for dine-in customer and for take-away customer will be confirm one hour before it whether by email or phone. customer can create his new account or he can edit his personal information from the existing account.

**Administrator**

Administrator or manager is the person who will manage the entire system. he is allowed to reassign the cook according to his priority, he can edit the menu information such as its price, items available currently, etc. This type of user will also do maintenance and control the application of this system. A manager can reassign the cook for a specific order or an item. Administrator takes a responsibility to register new customer, register new waiter, register new menu into database. A manager can edit/create some or whole part of the menu record on daily basis. That is by changing the menu items, prices, description, etc.

**Module of the restaurant management system**  
  
  
  
**Customer Registration Module**  
  
Customer registration module contains customer's information such as customer personal information and other information related to that customer. Then, all of this information recorded into database. Customers are given with a facility to change his existing password.  
  
  
  
**Customer Online Ordering And Reservation Module**  
  
Customer online ordering and reservation module provides a form that needs to be fulfilling in term of ordering food and reservation table via online.  
  
**Waiter Module**  
  
Waiter module contains waiter information such as waiter personal information, task schedule and other information related to that waiter. Then, all of this information recorded into database.

**Feedback Module**

Based on food or everything about the restaurant, customer can comment to the restaurant with feedback form. From this form, side of restaurant will know their weaknesses and strengths.  
  
**Menu Module**  
  
Menu module is food that restaurant prepared for customer. This module, customer can view the menu and make decision for order.

**Login Option for online ordering**

No

Yes

Yes

**Customer to cook relation (offline):**

Cook received

Cooked & served

customer order

if available