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**Project Proposal**

**Restaurants Management System**

**Submitted by :**

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**Submitted to :**

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**Project Name:**

**Restaurants Management System**

**Introduction:**

A point of sale system is either a stand-alone machine or a network of input and output devices used by restaurant employees to accomplish their daily activities including food and beverage orders, transmission of tasks to the kitchen and other remote areas, guest-check settlement, credit card transaction processing, and charge posting folios.

**Objectives:**

* Manage process of purchasing.
  + Date of purchases and delivery, quantity and purchase price .
* Track all the customers and store their contact details.
* Manage all data such as name, phone numbers, address of the entire customer.
* Manage all the details regarding of all food such as quantity, food name , cost .
* Store restaurants kitchen equipment names and pictures of food in the database.

**Target Customers:**

* Super Admin (Manager)
* Sub Admin (Cashier)
* Waiter

**Features:**

* Super Admin (Manager) can register in the system.
* Super Admin (Manager) and Sub Admin (Cashier) can log in the system.
* Admin Can store contact details of entire customers.
* Can check food ingredients limitation.
* Admin can Search any customer’s information.
* Only Super Admin can delete any customer’s information.
* Cashier can calculate and take money from customer by using this software (process of purchasing).

**Tools and Resources**

1. C
2. C++
3. **Code::Blocks**

**Outcome of Project**

Before the fall semester ends, the result of the project will be a complete software that will help All the Manager, Cashiers and other Employee to run the Restaurants management system more efficiently. A document will be provided that contains the full details of the code and the website.

**Challenges**

1. Time shortage.
2. Limited knowledge about process to build complete project.
3. Limited Knowledge about programming language.

**Timeframe**

1. Restaurants Management System Version 1.0 – 3rd November, 2017
2. Restaurants Management System Version 2.0 – 13th November, 2017
3. Restaurants Management System Version 3.0 (Final Version) – 17th November, 2017