**SNACKS CENTRE ONLINE DELIVERY SYSTEM**

High Level Design

**Document Control :**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SNACKS CENTRE ONLINE DELIVERY SYSTEM** | | | | | | | | |
| Guided by-Alisgar sir |  |  | |  |  |  |  |  |
| **Date** | **Version** | **Author** | **Brief Description of Changes** | | | | **Approver Signature** | |
| 19-10-2022 | 1.0 | Group 6 | SNACKS CENTRE ONLINE DELIVERY SYSTEM | | | |  | |
|  |  |  |  | | | |  | |
|  |  |  |  | | | |  | |

# Introduction

**Purpose:**

* The purpose of this project is to implement a online snacks delivery to the users from the admins.
* Snacks Order Management System which is a menu- driven system proposing use in two entities i.e. Customer and Admin. The system helps the customer with food orders by providing an easy food menu where the input the food item and quantity the want.
* On the other hand, Admin use the menu where admin can add and manage food items . The food ordering systems have the main goal of making ordering easier and more manageable both for customers and admins.

**Intended Audience:**

There is a such specific audience, it could be a customer and the owner.

The project is totally based upon the deliver of snacks from admin to the user.

**1.4 Key Project Objectives:**

1. Order foods from the menu.

2. Login as admin

3. Add food items

4. Delete food items

5. Edit food menu

6. View current food menu

7. View current food order

**Project Applications** **:**

The snacks ordering management is an automated system helping towards efficient flow of snacks ordering in a snacks center.

**In Scope:**

It provides a architecture for online snacks center delivery application

And any one can approach to the snacks center by providing the username and the password and then login to the snacks center page. The application can be done in the C programming language. The application can be divided into 2 categories one is admin side and the another one is user side.

**Functional Overview**

The following functions are included in the program:

Admin():

The admin is the snacks center application it asks for the login details for the user like password and username

User():

The user is the customer that giving the details in the admin page after login successfully into the admin page the user is able to place the order.

void add menu():

In the add menu we can add the items what ever the admin want. The added items will be automatically displays to the customer.

void display menu():

In the display() the menu items will be displayed which is added by the admin. By using the display() the user can be able to display the items. What ever the customer is ordered.

void update():

In the update() when the user can change the item to replace the quantity of the item then the customer is able to use the update(). By using this update() the customer is able to change the order whenever the user want.

void delete():

By using this delete() the user can deletes the items whwn ever tge user want.

# Design Overview:

SNACKS CENTRE ONLINE DELIVERY SYSTEM

comprises of the following modules:

|  |  |
| --- | --- |
| Name of the Module | Delivering the details from admin to customer. |
|  |  |
| Description | Sending message- from user.  Receive message to login- from Admin |

|  |  |
| --- | --- |
| Name of the Module | User registration and login |
|  |  |
| Description | User registration: new user details login with user name and password. |

|  |  |
| --- | --- |
| Name of the Module | Admin validation |
|  |  |
| Description | The admin validates the customer by checking weather the user will gave the name and password or not if the are not gave then the admin cannot move to the further procedure. |

|  |  |
| --- | --- |
| Name of the Module | Placing an order. |
|  |  |
| Description | By login successfully into the admin page then we can able to display the menu update menu delete menu and order successfully by accepting the conditions of minimum 3 orders and 10 kms distance. Then user order is successfully delivered from the customer. |

|  |  |
| --- | --- |
| Name of the Module | Failure of order. |
|  |  |
| Description | If the distance of the user is greater than the 10 kms from the admin then the user can automatically exits from the login account of the snacks centre. |

**Environment Description:**

Time Zone Support: IST- Kolkata

Language Support: English

Integration Requirements:

1. Language: C

2. Tools: Valgrind, Makefile

3. Complier: cygwin