

# Lab-2

**Subject – Software Engineering**

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# **Software Requirement Specification (SRS) for Online ordering System**

## **1. Introduction**

### **1.1 Purpose**

Online ordering System is online site where user can choose different types of food and other items, and also give the order and check the review of this product. This will benefit local citizen or the workers.

### **1.2 Scope**

In scope:

Provide the one type of search box in this box user can choose the restaurant or food items via cities or the area.

Provide comparing facilities for user to easily decide which place and what are the food is good.

### **1.3 Definition**

Searching – search for every city.

Comparison – quality, quantity and prize.

## **2. Overall Description**

### **2.1 Product Perspective**

This system is aimed at user who want to choose the restaurant which provide maximum food quality and quantity at reasonable rate. They should able to compare the item with each other's. This system is standalone application. It runs on all browser including Mac and Windows.

### **2.2 Product Function**

- System Authorization:
  - Login
  - Change Password
  - Guest User

- Security:
  - Admin can change the security clearance of user
  - Delete account
  - Change security levels
  - Restrict user access
- Information to Display:
  - Description of restaurant
  - Different offers
  - Features
- Comparison:
  - Food comparison
  - Price comparison
  - Restaurant comparison

## **2.3 User Characteristic**

User should know to operate the internet and how it works. User should have access to internet for using this system.

## **2.4 Principal Actors**

- User
- System

## **2.5 General Constraint**

It requires full internet connection to work properly. It is multi-user system. Anyone can access the website.

### **3. Specific Requirement**

#### **3.1 Functional Requirement**

##### **Use Case 1: login**

Primary Actor: User

Pre-Condition: Nil

Main Scenario:

- Start the Browser. User is prompted for Username and Password.
- System authenticates the user.
- User can also access the website as guest user.
- Homepage is displayed.

Alternate Scenario:

- Authentication fails.
- User is prompted to reenter the password.

##### **Use Case 2: Change password**

Primary Actor: User

Precondition: Nil

Main Scenario:

- User login into account. User select to change the password.
- User is prompted to enter the new password.
- New password is set.

##### **Use Case 3: Guest User**

Primary Actor: User

Precondition: Nil

Main Scenario:

- User prompted to whether he wants to continue as guest or create an account.

## **Use Case 4: Security Clearance**

Primary Actor: Admin

Precondition: Logged in

Main Scenario:

- Admin is allowed to change the security clearance of the user.
- Admin can decide whether the user can access the specific security related information or not.
- According to the level of user admin can set their access level to the certain files.

## **Use Case 5: Delete Account**

Primary Actor: Admin

Precondition: Logged in

Main Scenario:

- Admin can delete the account of the suspicious user who has created account in websites.
- Admin can remove the data of user from the server.
- If he finds that user is involved in some malicious activity than he can delete the user account.

## **Use Case 6: Restrict User Access**

Primary Actor: Admin

Precondition: Logged in

Main Scenario:

- Admin can restrict the user access for the security purpose.
- If certain files is confidential than admin can restrict the access by not allowing the user to open that file.

## **Use Case 7: Description of restaurant**

Primary Actor: User

Precondition: Logged in

Main Scenario:

- When user log in to the account he/she can view the main homepage of the website.
- User can view different description of the restaurant available in the city. Then can choose from them according to the need.

## **Use Case 8: Different Offers**

Primary Actor: User

Precondition: Logged in

Main Scenario:

- User can view different offers provided different restaurant in the bottom of the page.
- They can click on the offers to know more about it and is redirect to the restaurant website.

## **Use Case 9: Food Comparison**

Primary Actor: User

Precondition: Logged in

Main Scenario:

- User can choose between the different foods and can compare them quality wise between the better of two restaurant.

## **Use Case 10: Price Comparison**

Primary Actor: User

Precondition: Logged in

Main Scenario:

- Based on the quality and quantity user will decide which restaurant is providing better food in low price.

### **3.2 Performance Requirement**

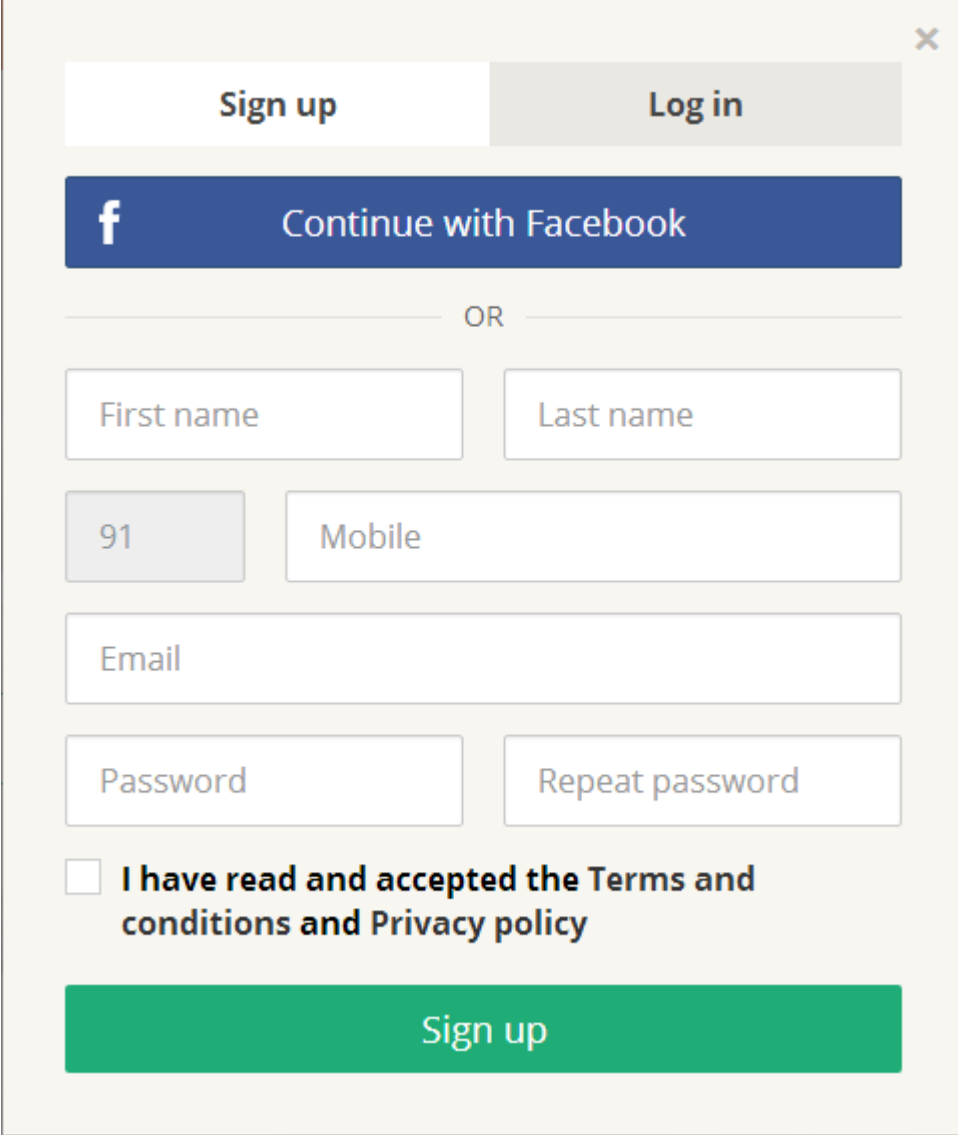
- Display of 640\*480 resolution is needed to run the browser on your machine.
- Access to the internet is need. Minimum speed should be 128kbps.
- Minimum Ram should be 512MB.
- Windows vista or higher is needed.

### **3.3 Design Parameters**

- Security – User should not be allowed to access the system files of the websites. Login information of the users is secured in database.
- Portable – Our system is portable so user can access from anywhere from any place on mobile or laptop provided they have in the internet connection available.
- Performance – website will be load according to the internet speed of the user. If it is good then page will load faster otherwise it will load slower.

## 4. Appendix

### 4.1 Appendix A : User Screens



A user login and sign-up form with a light beige background and a close button (X) in the top right corner. At the top, there are two tabs: "Sign up" (active) and "Log in". Below the tabs is a blue button with the Facebook logo and the text "Continue with Facebook". A horizontal line with "OR" in the center separates this from the sign-up fields. The sign-up fields include: "First name" and "Last name" (side-by-side), a country dropdown menu showing "91" and a "Mobile" number field (side-by-side), an "Email" field, a "Password" field, and a "Repeat password" field. Below these fields is a checkbox followed by the text "I have read and accepted the Terms and conditions and Privacy policy". At the bottom is a large green button with the text "Sign up".

Sign up Log in

f Continue with Facebook

OR

First name Last name

91 Mobile

Email

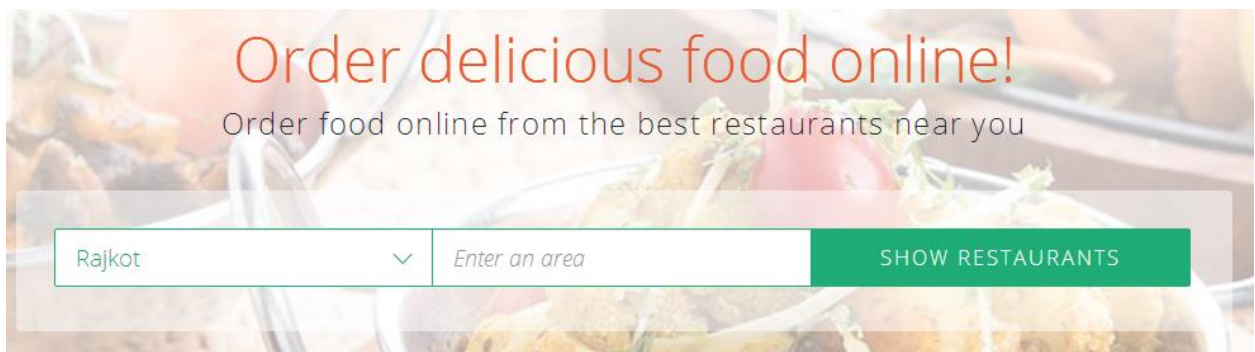
Password Repeat password

☐ I have read and accepted the Terms and conditions and Privacy policy

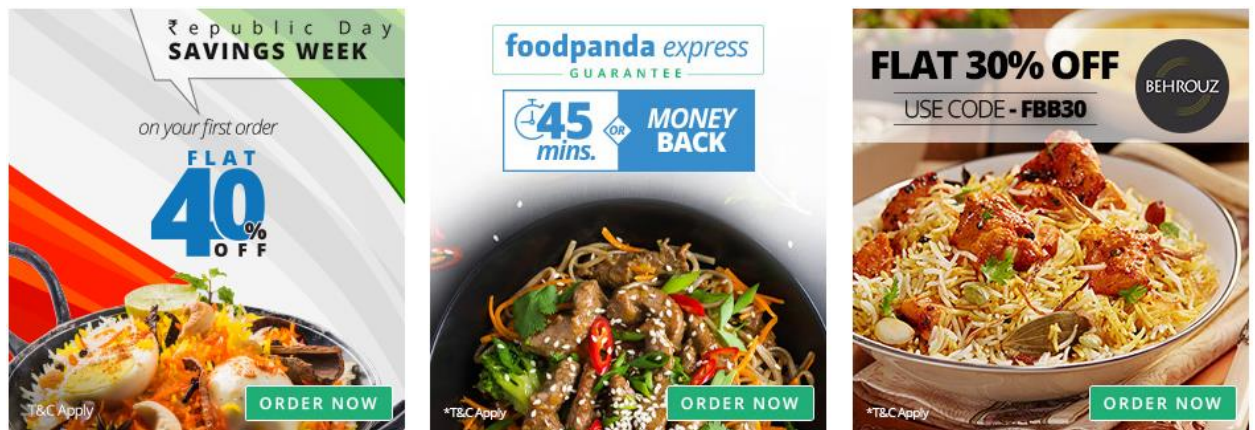
Sign up

1. Figure of Login





2. Figure of Homepage



3. Figure of offer by restaurant