**Foodies Web App Project**

**Software Requirements Specification**

**16/03/2024**

**Introduction**

Foodies is a web application designed to provide users with access to nearby restaurants, enabling them to discover, explore menus, and place orders conveniently. Additionally, admins can utilize the platform to promote the menus and services. This document outlines the functional and non-functional requirements, constraints, and stakeholders associated with the development and deployment of the Foodies Web App, considering the clarified customer inquiries.

**Specific Requirements**

The Foodies Web App will have 2 roles

1. User
2. Admin

|  |  |
| --- | --- |
| User | Admin |
| Login and Logout | **Login and logout** |
| Place Order | **Delete and create users** |
| Search for Restaurants | **Edit menus and promotions and remove restaurants** |

**Features**

**1.** **User:**

• Users must create an account using a valid email and a password with at least 8 characters.

**2.** **Restaurant Discovery:**

• Upon login, users are directed to the home screen displaying nearby restaurants within a 30 km radius.

• A search feature allows users to find specific restaurants by name and select them for ordering.

**3.** **Offers and Promotions:**

• The app should showcase promotional offers from nearby restaurants.

• Users should have access to a dedicated screen displaying current promotions.

**4.** **Loyalty Program:**

• Implement a credit-based system rewarding users with loyalty points for app usage.

• 1000 points in the credit-based system equal a £50 discount.

**Constraints**

• **Web-based System / PC-based:** The application must be accessible via web browsers or desktop computers.

• **Unique User ID:** Each user account must have a unique identifier, which is email is the unique User Id

• **Admin Features Needed:** Administrative functionalities include managing user accounts (create and delete) and editing menus and promotions.

**SRS\_User\_01: Sign Up**

* R1 Email: Must Be valid email.
* R2 Email: Not Be plank.
* R3 Password: At least 8 characters.
* R4 Password: Not be plank.
* R5 Confirm Password: Not be plank.
* R6 Confirm Password: must be equal to password.
* R7 Phone Number: Not be plank.
* R8 Phone Number: Valid mobile number.

**SRS\_User\_02: Sign In**

* R9 Email: Must Be valid email.
* R10 Email: Not Be plank.
* R11 Password: At least 8 characters.
* R12 Password: Not be plank**.**

**SRS\_User\_03: Forget Password**

* R13 Email: Must Be valid email.
* R14 Email: Not Be plank.
* R15 Old Password: At least 8 characters.
* R16 Old Password: Not be plank.
* R17 New Password: At least 8 characters.
* R18 New Password: Not be plank.
* R19 New Password: Must not Be the same of old Password.
* R20 Confirm Password: At least 8 characters.
* R21 Confirm Password: must be equal to password.

**SRS\_Admin\_04: Admin Login**

* R22 Username: Must be a valid username.
* R23 Username: Must not be blank.
* R24 Password: At least 8 characters.
* R25 Password: Must not be blank.

**SRS\_Admin\_05: Admin Logout**

* R26 Logout: Admin can logout from the system.

**SRS\_Admin\_06: Create User**

* R27 Username: Must be a valid username.
* R28 Username: Must not be blank.
* R29 Email: Must be a valid email.
* R30 Email: Must not be blank.
* R31 Password: At least 8 characters.
* R32 Password: Must not be blank.
* R33 Role: Must be a valid role ( admin, user).

**SRS\_Admin\_07: Delete User**

* R34 Delete: Admin can delete a user from the system.

**SRS\_Admin\_08: Edit Menu**

* R35 Edit: Admin can edit menus for promotions and remove restaurants.