Software Requirements Specification

for

*Foodies web app*

Version *1.0*

Prepared by

*-Aml Nasser -Marina Hatem*

*-Hagar Hany -Hagar Nasser*

*-Noura Amr*

ITI Smart Village

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  |  |  |  |
|  |  |  |  |

# Introduction

## Purpose

*Foodies is a web app that will provide a good source of the nearby restaurants so the users can discover and order their food .Also the restaurants owner can promote their menus and different services.*

## Document Conventions

*We using a templet without change the font or headers ,tailoring the content based on type of project*

## Intended Audience and Reading Suggestions

Intended Audience :developers, project managers, marketing staff, users, testers, and documentation writers. This SRS contains Product Scope, User Needs, Assumptions and Dependencies, Functional & nonfunctional Requirements, and System Features.

sequence for reading the document:

Purpose and project scope

* *Project functionality (what should be done and what should not be done)*
* *System performance criteria.*
* *Implementation issues (risks) if any.*

## Project Scope

*The Scope of the project is as follows:-*

* *To build a system that the user can register for getting the nearby restaurant*
* *After choosing the restaurant, the user can select items and set an order.*
* *Users can get offers and promotions based on frequency of using the app.*

## References

N/A

# Overall Description

## Product Perspective

It is Web based application that facilitate for user to access near by restaurant’s menus and make the order of food easier  
help the restaurants owner reach more users.

## Product Features

**User’s features**

* *Users create their accounts using the registration form fields [Email, Password, User ID, Phone Number, and Location].*
* *Users will be redirected to the home screen with all nearby restaurants after registering successfully.*
* *Users can search for specific restaurants.*
* *Users can select items and set an order*
* *Users can get offers and promos from nearby restaurants*

**Admin features**

* *ADD/DELETE/UPDATE users, restaurants, menus.*
* *Admin determines promotions and offers based on more user using the app*
* *add another admin*

## Operating Environment

* *Operating system: Windows.*
* *database: file-based*
* *platform: html ,css, java script*

## Design and Implementation Constraints

* Web-based system/pc based
* Unique user-id
* Admin features needed

## User Documentation

*Firstly, users can register with Email, Password, User ID, Phone Number, and Location.*

*After this will be redirected to the home page where he can see all nearby restaurants by the entered location and can search on specific restaurant.*

*Then, after selecting, the restaurant he can show the menu items and set an order.*

*Cash on Delivery is the only payment method.*

*Users can get offers and promotion based on frequency of using the app.*

## Assumptions and Dependencies

***Assumptions***

* *Login page*

Tracking order

**Dependencies**

Features of admin – features of users

**Features of users:**

**(start-start)**

Feature Select item/restaurant – Feature register

**Features of admin:**

**(start-start)**

Features promotion – Features menu – Add another admin

# System Features [Functional Requirements]

**For Normal Users:**

## Register an Account

3.1.1 Description and Priority

The user registers to the Foodies Web App to have an account on which he can order food from his favorite restaurants.

Priority: High.

3.1.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user Clicks on “Create an Account” Button.

-The user fills the “Full Name” field.

-The user fills the “Password” field.

-The user fills the “Location” field.

-The user fills the “User Name” field.

-The user fills the “Phone Number” field.

-The user clicks on “Create the Account”.

3.1.3 Functional Requirements

N/A

Field Constraints:

-The “Full Name” field has to contain letters only.

-The “Password” field has to contain letters and numbers.

-The “User Name” field has to be unique. (Unlike the user names in the database file)

-The "Phone Number” field has to contain numbers only.

## Sign In

3.2.1 Description and Priority

The user signs in to the Foodies Web App to his preregistered account.

Priority: High.

3.2.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” Button.

3.2.2.1 Stimulus/Response Sequences with wrong password /user name

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters wrong username/password in their specified fields.

-The user clicks on “Sign in” Button.

-an error message will appear “ wrong data”

3.2.3 Functional Requirements

REQ-1: “Register an account” requirement. The user has to register an account first in order to be able to sign in.

Field Constraints:

-The “username” and “password” fields have to match the database.

## Update Profile

3.2.1 Description and Priority

The user can update the data he entered while he was creating his account.

Priority: Low

3.2.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” Button.

-The user navigates to his “profile” page.

-The user updates “Full Name”/”user name”/ “Password”/ “Location”/ “Phone Number” fields.

-The user clicks on “Update” button.

3.2.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to update his profile details.

Field Constraints:

-The “username” and “password” fields have to match the database in the sign in step.

-The new “username” has to be unique and unlike any username in the database file.

## Search for a restaurant

3.4.1 Description and Priority

The user can search for the restaurants he wants.

Priority: High

3.4.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on the search bar.

-The user enters the name of the restaurant in the search bar.

-The user clicks on “search” button.

3.4.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to search for the desired restaurant.

Field Constraints:

N/A

## Select a restaurant

3.5.1 Description and Priority

The user can select the restaurant he demands to view its menu.

Priority: High

3.5.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on the desired restaurant.

-The user is able to view the restaurant’s menu.

3.5.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to select the desired restaurant.

Field Constraints:

N/A

## Select meals

3.6.1 Description and Priority

After the user selected the restaurant he demands and viewed its menu, he can select the meals from it.

Priority: High

3.6.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on the desired restaurant.

-The user is able to view the restaurant’s menu.

-the user can select a meal.

3.6.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to select the desired restaurant.

REQ-2: “Select a restaurant” requirement. The user has to select a restaurant first in order to view the restaurants menu and select the meals.

Field Constraints:

N/A

## Confirm order

3.7.1 Description and Priority

After the user selected the meals he wants from the desired restaurant’s menu, he confirms the order to be delivered.

Priority: High

3.7.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on the desired restaurant.

-The user is able to view the restaurant’s menu.

-The user selects the meals he wants.

-The user clicks on “Confirm Order” button.

3.7.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to select the desired restaurant.

REQ-2: “Select a restaurant” requirement. The user has to select a restaurant first in order to select the meals.

REQ-3: “Select Meals” requirement. The user has to select meals first in order to confirm his order.

Field Constraints:

N/A

## Navigate to “Offers and Promotions” page.

3.8.1 Description and Priority

The user can navigate to the ‘offers and promotions’ page in order to view the promotions, offers and his earned points.

Priority: Medium

3.8.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on his account photo in the navigation bar.

-The user clicks on “Offers and Promotions” page.

3.8.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to navigate to the offers page.

Field Constraints:

N/A

## Select an offer to apply

3.9.1 Description and Priority

After the user navigates to the ‘offers and promotions’ page and viewed the promotions, offers and his earned points, He chooses one of them to apply.

Priority: Medium

3.9.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on his account photo in the navigation bar.

-The user clicks on “Offers and Promotions” page.

-The user selects an offer to apply.

-The user clicks on “Apply” button.

3.9.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to access the web application.

REQ-2: “Navigate to offers and promotions page” requirement. The user has to be able to navigate to this page in order to choose an offer to apply.

Field Constraints:

N/A

## Track O1rder

3.10.1 Description and Priority

After the user confirms his order, he is able to track the confirmed order.

Priority: Low

3.10.2 Stimulus/Response Sequences

-The user navigates to the Foodies Web App.

-The user clicks on the “Sign in” Button.

-The user enters his username in the “User Name” field.

-The user enters his password in the “Password” field.

-The user clicks on “Sign in” button.

-The user clicks on the desired restaurant.

-The user is able to view the restaurant’s menu.

-The user selects the meals he wants.

-The user clicks on “Confirm Order” button.

-The user clicks on “Track my order” button.

3.10.3 Functional Requirements

REQ-1: “Sign in” requirement. The user has to be able to sign in successfully in order to access the web application.

REQ-2: “Select a restaurant” requirement. The user has to select a restaurant first in order to select the meals.

REQ-3: “Select Meals” requirement. The user has to select meals first in order to confirm his order.

REQ-4: “Confirm Order” requirement. The user has to confirm his order first in order to be able to track it.

Field Constraints:

N/A

**For admins:**

## Add Users

3.11.1 **Description and Priority**

*Any admin can add new users to the foodies web app by filling the register page ,this user can use this app and set an order and get offers and promotion.*

*Priority:high*

3.11.2 **Stimulus/Response Sequences**

*;- Admin navigates to the foodies web app.*

*-the Admin clicks on the “create new account” button.*

*- the Admin fills the “full name”*

*- the Admin fills the “full name” field.*

*- the Admin fills the “password” field.*

*- the Admin fills the “location” field.*

*- the Admin fills the “username” field.*

*- the Admin fills the “phone number” field.*

*- the Admin clicks on “create the account”*

3.11.3 **Functional Requirements**

Dependencies:N/A

Field Constraints:

-The “Full name” field has to contain letters only

-The “password” field has to contain letters and numbers

-The “user name” field has to be unique

-The “phone number” field has to contain numbers only

## Delete users

3.12.1 **Description and Priority**

Any admin can delete users from the foodies web app,the user can not have access to using the foodies app.

Priority:high

3.12.2 **Stimulus/Response Sequences**

-Admin login successfully

*- the Admin navigates to the Home page.*

*-the Admin clicks on the “delete account” button.*

*- the Admin fills the “username” field.*

*- the Admin clicks on “delete” button*

3.12.3 **Functional Requirements**

Dependencies:

- user already exists

Field Constraints:

-The “user name” field has to be unique

## Update users

3.13.1 **Description and Priority**

Any admin can update users info from the foodies web app

Priority:high.

3.13.2 **Stimulus/Response Sequences**

-Admin login successfully

*-* Admin *navigates to the Home page.*

*-the Admin clicks on the “update account” button.*

*- the Admin fills the “username” field.*

*- the Admin update user info.*

*- the Admin clicks on the “update” button*

3.13.3 **Functional Requirements**

Dependencies:

- user already exists

Field Constraints:

-The “user name” field has to be unique

## Add promotions

3.14.1 **Description and Priority**

*The admin can add promotions to any restaurant in home page of foodies web app.*

*Priority:high*

3.14.2 **Stimulus/Response Sequences**

-Admin login successfully

*- the Admin navigates to the Home page.*

*- the Admin select restaurant Who wants to add promotion to it*

*-the Admin clicks on the “Add Promotion” button.*

*- the Admin fills the “promotion details” field.*

*- the Admin clicks on “Add”*

3.14.3 **Functional Requirements**

Dependencies:

- restaurant already exists to add promotions

Field Constraints:

N/A

## Delete promotions

3.15.1 **Description and Priority**

*The admin can delete promotions from any restaurant in home page of foodies web app.*

*Priority:high*

3.15.2 **Stimulus/Response Sequences**

-Admin login successfully

*- Admin navigates to the Home page.*

*- Admin select restaurant which wants to delete promotion from it*

*-the Admin clicks on the “delete Promotion” button.*

*- the Admin delete the “promotion details” field.*

*- the Admin clicks on “delete”*

3.15.3 **Functional Requirements**

Dependencies:

- restaurant already exists to add promotions.

- promotion details exists to delete it.

Field Constraints:

N/A

## update promotions

3.16.1 **Description and Priority**

*The admin can update promotions from any restaurant in home page of foodies web app.*

*Priority:high*

3.16.2 **Stimulus/Response Sequences**

-Admin login successfully

*- Admin navigates to the Home page.*

*- Admin select a restaurant that wants to update promotion*

*-the Admin clicks on the “update Promotion” button.*

*- the Admin update the “promotion details” field.*

*- the Admin clicks on “update”*

3.16.3 **Functional Requirements**

Dependencies:

- restaurant already exists to update promotions for him

Field Constraints:

-The “restaurant name” that the admin will enter it is unique.

- the restaurant has a promotion to update it.

## Add Admin

3.17.1 **Description and Priority**

*The admin can add another admin in foodies web app*

*Priority:high*

3.17.2 **Stimulus/Response Sequences**

*-* Admin login successfully

*- Admin navigates to the foodies web app.*

*-the Admin clicks on the “Add another admin” button.*

*- the Admin fills the “user-id” field.*

*- the Admin fills the “password” field.*

*- the Admin clicks on “Add”*

3.17.3 **Functional Requirements**

Dependencies:

- N/A

Field Constraints:

-The “user name” that the admin will enter it is unique.

## Add *Restaurant*

3.18.1 **Description and Priority**

*The admin can add restaurant in home page of foodies web app.*

*Priority:high*

3.18.2 **Stimulus/Response Sequences**

-Admin login successfully

*- Admin navigates to the Home page.*

*-the Admin clicks on the “Add Restaurant” button.*

*- the Admin fills the “restaurant name” field.*

*- the Admin upload the restaurant logo or picture*

*- the Admin clicks on “Add”*

3.18.3 **Functional Requirements**

Dependencies:

N/A

Field Constraints:

-the restaurant name is not exists

## Delete *Restaurant*

3.19.1 **Description and Priority**

*The admin can delete restaurant from home page of foodies web app.*

*Priority:high*

3.19.2 **Stimulus/Response Sequences**

-Admin login successfully

*- Admin navigates to the Home page.*

*- Admin select restaurant which wants to delete it*

*-the Admin clicks on the “delete” button.*

*- the Admin clicks on “delete”*

3.19.3 **Functional Requirements**

Dependencies:

- restaurant already exists to delete the restaurant.

Field Constraints:

-all menu items will be deleted also

## Update *Restaurant*

3.20.1 **Description and Priority**

*The admin can update any restaurant info in home page of foodies web app.*

*Priority:high*

3.20.2 **Stimulus/Response Sequences**

- Admin login successfully

*- Admin navigates to the Home page.*

*- Admin select a restaurant that wants to update it*

*-the Admin clicks on the “update” button.*

*- the Admin updates info of the restaurant*

*- the Admin clicks on “update”*

3.20.3 **Functional Requirements**

Dependencies:

- restaurant already exists to update it

Field Constraints:

-N/A

## Add *menu*

3.21.1 **Description and Priority**

*The admin can add menu for specific restaurant in home page.*

*Priority:high*

3.21.2 **Stimulus/Response Sequences**

-Admin login successfully

*- Admin navigates to the Home page.*

*-the Admin select specific restaurant*

*- Admin clicks on the “Add menu” button.*

*- the Admin uploads picture of menu*

*- the Admin clicks on “Add”*

3.21.3 **Functional Requirements**

Dependencies:

- N/A

Field Constraints:

-The restaurant which the admin will add to it menu exist

## Delete *menu*

3.22.1 **Description and Priority**

*The admin can delete the menu from specific restaurant*

*Priority:high*

3.22.2 **Stimulus/Response Sequences**

- *the* Admin login successfully

*- the Admin navigates to the Home page.*

*-the Admin selects specific restaurant*

*- the Admin delete picture of menu*

*-the Admin clicks on the “delete” button.*

3.22.3 **Functional Requirements**

Dependencies:

- menu already exists to delete it from the restaurant.

Field Constraints:

- N/A

## Update *menu*

3.23.1 **Description and Priority**

*The admin can update menu of a specific of restaurant*

*Priority:high*

3.23.2 **Stimulus/Response Sequences**

*- the Admin login successfully*

*- the Admin navigates to the Home page.*

*-the Admin selects a specific restaurant*

*- the Admin click on “update menu“ button*

*- the Admin upload new picture for menu*

*-the Admin clicks on the “update” button.*

3.23.3 **Functional Requirements**

Dependencies:

- restaurant already exists and have menu to update it

Field Constraints:

-N/A

# External Interface Requirements

## User Interface

*Supported Web Browsers: Chrome, Firefox and Microsoft Edge.*

## Hardware Interfaces

*N/A*

## Software Interfaces

*Database Management System: File Based.*

# Nonfunctional Requirements

## Performance Requirements

*The website’s load time should not be more than 2 seconds to respond*

## Safety Requirements

N/A

## Security Requirements

-Authentication of the user and privacy of his order history is achieved by the “login Page”.

Resolving forgotten passwords are not handled in the project’s scope.

-Authorization of admin to Update/Delete/Add users, admins, restaurants,menus and promotions.

No one aside from the admin is allowed to have those privileges.

## Software Quality Attributes

**Usability:** *Ease of use and user-friendly Interface the user can find it easy to deal with, having the same experience as other ordering websites.*

**Availability**: *users can search on nearby restaurant on website throughout the week at any time during the day. In the case of unplanned system downtime, all features will be available again after one working day.*

**Reliability**: *customers can access their accounts 98% of the time without failure.*

# Other Requirements

N/A