**COMSATS. University. Islamabad,**

**. Park Road, ChakShahzad, Islamabad Pakistan**

Department**.** of**.** Computer**.** Science

**Assignment-04**

**CLO-5.**

**Software. Test. Plan. Document.** For**.**

**Project Tittle**

**(Save. Food. Stuff.)**

**Submitted By:**

* Maha Farooqi

Fa20-BCS-029

* Kainat Mudassar

FA20-BCS-027

**Supervised By: .**

**Mr. Tehseen Riaz Abbasi**

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## Introduction

The main purpose of this document is brief description about the “Save food stuff application” which is primarily developed for the distribution of extra food from restaurants to different shelter homes in order to help poor and needy people and to avoid food wastage. In last research, a drastic increase can be seen in wastage of food. As per data given by WHO, 20% of the population faces extreme food shortages. Therefore, it is important to come up with a solution that can avoid food waste and can help feed the needy.

The purpose of this document is to mark out a test plan for the application and define how the parts of the application will be tested that will make the application effective and efficient.

### 1.1. Document Purpose

This document focuses on defining a test plan that describes the way our application will be tested. It also shows how long the testing will take and modules and use cases will also be tested. The data and modules that will be required for testing are also stated.

### 1.2. Product Scope

* After downloading the application, if user is already registered then he/she will have to simply log in otherwise user will have to first sign up by entering all details including username, password along with document attachment which includes the monthly income and expenses of the user. For restaurant sing up, it has to provide all restaurant details that includes its location, food category etc. After detail completion by the user, its request will be sent to admin displaying “your request is in process” to user. When the request is received by the admin, now its duty is to check the validation of the user’s attached document either he/she should be considered as needy or not and whether the restaurant details are authentic or not. After that a notification will be displayed to user that “your registration has been completed” if the request was accepted.
* After successful registration, now user will be able to see multiple options on the screen which includes “Find Food”, “Go to Setting” and “Give Reviews” as well. By selecting “**Find Food”** the user will be able to select nearby restaurants which currently have food available to donate. From there he/she will able to request the desired restaurant to order food easily.
* When user selects the **“Setting”** option**,** he/she can do multiple tasks which include **“How to use”** means if anyone has any problem relating to app usage then from here it can be easily solved. Secondly it has “**Profile Management”** which gives opportunity to the user to update his personal information when needed. Thirdly, it has “**User History**” option which contains that particular user’s past orders record. Lastly, after using this app user has the opportunity to easily **“Log out”** his/her id from here to avoid privacy and security risks.
* After that this app also has the feature of **“Giving Reviews”** by the receiver after getting food from the restaurant to give their personal opinion as well.
* Along with the sign up and log in option one more option is added named “**Donation”** it will not require any sign up option simply the purpose is that if someone wanted to donate money then that will be added there easily without any problem.
* Another feature includes “**Restaurant Module**” its main purpose will be to check all incoming requests and serve them priority wise along with reducing the food from the availability list (i.e. initially food available was of 5 persons, after serving 2 of them its duty is to reduce that food from that list too that is 3 person left).

### 1.3. Intended Audience

The intended audience is the professor and the users of the applications.

### 1.4. Definitions, Acronyms and Abbreviations

Restaurant: All the restaurants that are registered to our system.

User: All the shelter Homes/ Needy Households that are registered to our system.

Donor: The person that donated to restaurant or user.

Admin: The person that manages our system.

## 2. Executive Summary

Save food stuff application” which is primarily developed for the distribution of extra food from restaurants to different shelter homes in order to help poor and needy people and to avoid food wastage. This app will prove to me more helpful for all of them who are not able to eat food by their pocket money. However this document also shows how long the testing will take and modules and use cases will also be tested. This whole application is developed using available tools and different technologies. Along them test case also includes which displayed all the testing performed along their priority level. In this way data and modules that will be required for testing are also stated.

### 2.1. Test Items

The tested items are

* Requirements Specifications
* Design Specifications
* Users Guides
* Operations Manuals or Guides
* Installation Manuals or Procedures

### 2.2. Features to Be Tested

The following features will be tested, and their priority is listed along with them

|  |  |
| --- | --- |
| **Features to be tested.** | **Risk Level** |
| Sign-up | High |
| Update Profile | Medium |
| Delete Profile | High |
| Forget Password | Low |
| Document Verification | Medium |
| Add Members | High |
| Login | High |
| Providing Remove Members | High |
| View Ratings | High |
| Member Details | Medium |
| Verification of login details | Medium |
| Viewing all members | Low |
| Active Restaurants | High |
| Active Users | High |
| Collecting food | Low |
| Delivery Food | Medium |
| Receive Location | High |
| Delivery Charges | High |
| Checking Availability | Medium |
| Working Hour Limit | High |
| Delivery Time | High |
| Authenticate View Donations | Medium |
| Authenticate Post Food | High |
| Authenticate View of accepted orders | Medium |
| Authenticate View Requests | High |
| Confirm Delivery | Medium |
| Authenticate View of Orders to be delivered as Restaurant | Medium |
| Donation of money | High |
| Donation of food | High |
| Find food | High |
| Reviews as user | High |
| Rate Design | High |
| Settings | Low |
| Logout | Low |
| View History | Medium |
| View of profile | Medium |

### 2.3 Features Not To Be Tested

### Due to the modest size of the app, no feature will be left untested, i.e. all functionalities will be tried. Removing the possibility of making any mistakes To save the data on the brand, the system must be secure.

## 3. Testing and Evaluation

**3.1. Verification:**

In verification process, All the functionalities that are defined or are tested in this document are cross checked with those defined in Software requirement document.

**3.2. Validation:**

During tests, all the defects that were detected are evaluated and removed through debugging.

**3.3. Usability Testing:**

The developed application will be tested to make sure that it is usable by the targeted audience and whether it runs effectively or not.

**3.4. Module/ Unit Testing:**

Each unit/module will be tested to remove all possible errors and make the system effective.

**3.5. Integration Testing:**

All the modules’ inter-compatibility will be tested to ensure working of module with other modules without any clashes.

**3.6. System Testing:**

System testing is done after successful completion of integration testing and the overall system including all modules, interface and the summarizing engine are tested collectively.

**3.7. Acceptance Testing:**

The system will be tested while the client’s environment is kept in mind. This contains how the how the client will use the application and what it would do with the system and what type of errors are expected to be generated.

## 4. Test Cases.

Write the test cases of your project as per module wise. A sample test cases with format is mentioned.

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | **TC-1.1** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of attached document | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Document | **Priority:** | Medium |
| **Precondition:** | | System has a button for sign up | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display ‘Main” Screen 3. Click on “Login” button 4. Click on “Sign up” button 5. Enter email, first name, last name, CNIC, phone number etc. 6. Click on document attachment 7. Click on “Sign up button” | | 1. System start working. 2. System display “Main” screen success 3. System displays “Login” webpage 4. System displays “Create an Account” webpage. 5. System gets the user information successful 6. System test the document successfully 7. System generates User account successfully. | |
| **Expected Result:** | | After execution, System should generate a new account for the user. | |
| **Actual Result:** | | After execution, system has generated User account successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.2** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of Adding Member | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | New Members | **Priority:** | High |
| **Precondition:** | | System has a button for adding members | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display ‘Main” Screen 3. Click on “Login” button 4. Enter username and password etc. 5. Click on view requests. 6. Click on accept requests. | | 1. System start working. 2. System display “Main” screen successfully. 3. System displays “Login” webpage 4. System gets the user information successful 5. System displayed the user request to admin. 6. System successfully accepted the request. | |
| **Expected Result:** | | After execution, System should add a new member. | |
| **Actual Result:** | | After execution, system has added members successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.3** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of Removing Member | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Remove Members | **Priority:** | High |
| **Precondition:** | | System has a button for remove members | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on “Login” button 4. Enter username and password etc. 5. Click on view requests. 6. Click on remove requests. | | 1. System start working. 2. System display “Main” screen successfully. 3. System displays “Login” webpage 4. System gets the user information successful 5. System displayed the user request to admin. 6. System successfully removed the request. | |
| **Expected Result:** | | After execution, System should remove members he wanted to. | |
| **Actual Result:** | | After execution, system has removed members successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.4** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Viewing rating | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Ratting displayed | **Priority:** | High |
| **Precondition:** | | System has a button for view ratings | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on “Login” button 4. Enter username and password etc. 5. Click on view ratings button. | | 1. System start working. 2. System display “Main” screen successfully. 3. System displays “Login” webpage 4. System gets the user information successful 5. System successfully displayed the rating of restaurants to admin. | |
| **Expected Result:** | | After execution, System should view the ratings. | |
| **Actual Result:** | | After execution, system has viewed ratings successfully. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | **TC-1.5** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Members Detail | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Edit Member Button | **Priority:** | Medium |
| **Precondition:** | | System has a button for edit members details. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on “Login” button 4. Go to admin account. 5. Click on edit member details | | 1. System start working. 2. System display “Main” screen successfully. 3. System displays “Login” webpage 4. Admin main screen is displayed. 5. Member details are edited successfully. | |
| **Expected Result:** | | After execution, System should edit the details of the members. | |
| **Actual Result:** | | After execution, system should have successfully edit the members details. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.6** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Showing History | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View History Button | **Priority:** | High |
| **Precondition:** | | System has a button for showing member’s history. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Go to admin account. 4. Click on “Login” button 5. Click on member’s history. | | 1. System start working. 2. System display “Main” screen successfully. 3. Admin main screen is displayed 4. System displays “Login” webpage 5. Member history displayed successfully. | |
| **Expected Result:** | | After execution, System should display the members history | |
| **Actual Result:** | | After execution, Members history is shown.. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.7** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of Login Details | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Login Button | **Priority:** | Medium |
| **Precondition:** | | System has a button for login | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display ‘Main” Screen 3. Click on “Login” button 4. Enter username and password. 5. Click on “OK” Button. | | 1. System start working. 2. System display “Main” screen success 3. System displays “Login” webpage 4. System gets the user information successful 5. System get the login credentials successfully. | |
| **Expected Result:** | | After execution, System should easily logged-in. | |
| **Actual Result:** | | After execution, system has login the account successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.8** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of all members | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View All Button | **Priority:** | Low |
| **Precondition:** | | System has a button for view member details. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Go to admin account. 4. Click on “Login” button 5. Click on view members. | | 1. System start working. 2. System display “Main” screen successfully. 3. Admin main screen is displayed. 4. System displays “Login” webpage 5. All members are displayed.. | |
| **Expected Result:** | | After execution, System should view members. | |
| **Actual Result:** | | After execution, system should have successfully viewed all member list. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.9** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of notification. | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View All Button | **Priority:** | Medium |
| **Precondition:** | | System has a button for view member details. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Go to admin account. 4. Click on “Login” button 5. Click on send Notification | | 1. System start working. 2. System display “Main” screen successfully. 3. Admin main screen is displayed. 4. System displays “Login” webpage 5. All members are displayed. | |
| **Expected Result:** | | After execution, System should send notifications to user. | |
| **Actual Result:** | | After execution, system have send notification successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-1.10** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification Activity of restaurants. | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View Active Restaurants Button | **Priority:** | High |
| **Precondition:** | | System has a button for active restaurant. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Go to admin account. 4. Click on “Login” button 5. Go on recent activity page of the restaurants. | | 1. System start working. 2. System display “Main” screen successfully. 3. Admin main screen is displayed. 4. System displays “Login” webpage 5. Recent Activities of the restaurants displayed. | |
| **Expected Result:** | | After execution, System should displayed the activity restaurant. | |
| **Actual Result:** | | After execution, system displayed the restaurant’s history successfully. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | **TC-1.11** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of active users. | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View active users. | **Priority:** | High |
| **Precondition:** | | System has a button for active restaurant. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Go to admin account. 4. Click on “Login” button 5. Go to active users page | | 1. System start working. 2. System display “Main” screen successfully. 3. Admin main screen is displayed. 4. System displays “Login” webpage 5. All active users are shown. | |
| **Expected Result:** | | After execution, System should displayed the users that are currently active. | |
| **Actual Result:** | | After execution, all active users are displayed. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-2.1 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Sign-up as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | High |
| **Precondition:** | | Internet availability. | |
| **Steps /Action** | | **System Response** | |
| * Sign Up button clicked * Required Credentials entered * Sign Up button clicked | | * Sign up form opens * Fields are filled successfully * Account logged in | |
| **Expected Result:** | | Successful Sign Up. | |
| **Actual Result:** | | Successful Sign Up. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.2 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Sign-in as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | High |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Login button clicked * Required Credentials entered * Login button clicked | | * Login form opens * Fields are filled successfully * Account logged in | |
| **Expected Result:** | | Successful Login. | |
| **Actual Result:** | | Successful Login. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.3 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Authenticate View Donations as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | Medium |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * Donations button clicked | | * All the donations are listed | |
| **Expected Result:** | | Successful view of donations. | |
| **Actual Result:** | | Successful view of donations. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.4 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Authenticate Post Food as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | High |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * Post Food Page opened * Amount of food entered * Criteria is selected * Dish name entered * Price entered | | * Post Food Page opened. * Amount of food saved * Criteria saved * Dish name saved * Price saved | |
| **Expected Result:** | | Post food successful. | |
| **Actual Result:** | | Post food successful. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.5 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Authenticate View of Accepted Orders Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | Medium |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * View orders button clicked | | * Accepted orders displayed. | |
| **Expected Result:** | | View successful. | |
| **Actual Result:** | | View successful. | |
| **Status:** | | Pass | |
| **Test Id:** | TC-2.6 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Authenticate View Requests as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | High |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * View requests button clicked * Accept/Decline button clicked | | * Requests page opened * Request accepted/declined. | |
| **Expected Result:** | | Request accepted/declined successfully. | |
| **Actual Result:** | | Request accepted/declined successfully. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.7 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Confirm Delivery of food as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | Medium |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * Required data filled * Send to Deliver button clicked | | * Data is saved. * Order details sent to delivery data | |
| **Expected Result:** | | View successful. | |
| **Actual Result:** | | View successful. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.8 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Authenticate View of Delivered Orders as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | Medium |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * View Delivered orders button clicked | | * Delivered orders displayed. | |
| **Expected Result:** | | View successful. | |
| **Actual Result:** | | View successful. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | TC-2.9 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Authenticate View of Orders to be delivered as Restaurant | **Test Case Executed by:** | Maha |
| **Module Name:** | Restaurant | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | Medium |
| **Precondition:** | | Successful Sign up and Sign in. | |
| **Steps /Action** | | **System Response** | |
| * View orders to be Delivered button clicked | | * List of Orders to be delivered displayed. | |
| **Expected Result:** | | View successful. | |
| **Actual Result:** | | View successful. | |
| **Status:** | | Pass | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Id:** | **TC-3.1** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Collecting food form donors. | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View collected food | **Priority:** | Low |
| **Precondition:** | | System has a button for active restaurant. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Delivery clicks on receiving food button. | | 1. System start working. 2. System display “Main” screen successfully. 3. System displayed the requests for food to delivery boy. | |
| **Expected Result:** | | After execution, System should displayed all receiving food. | |
| **Actual Result:** | | After execution, food records are displayed. | |
| **Status:** | | Pass | |

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| **Test Id:** | **TC-3.2** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Delivery of food to receive. | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | View food to be delivered. | **Priority:** | Medium |
| **Precondition:** | | System has a button for accepting delivery of food. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on accept delivery button. | | 1. System start working. 2. System display “Main” screen successfully. 3. System will accept the delivery for food. | |
| **Expected Result:** | | After execution, System should displayed all receiving food. | |
| **Actual Result:** | | After execution, food to be delivered records are displayed. | |
| **Status:** | | Pass | |

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| **Test Id:** | **TC-3.3** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Getting Location | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Location Button | **Priority:** | High |
| **Precondition:** | | System has a button for active restaurant. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on location button. | | 1. System start working. 2. System display “Main” screen successfully. 3. System will display all the nearby locations. | |
| **Expected Result:** | | After execution, System should displayed available delivery boys nearby location. | |
| **Actual Result:** | | After execution the locations are displayed | |
| **Status:** | | Pass | |

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| **Test Id:** | **TC-3.4** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of charges | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Location Button | **Priority:** | High |
| **Precondition:** | | System has a button for paying charges. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on deliver charges button. | | 1. System start working. 2. System display “Main” screen successfully. 3. System will display all charges options like free 15% or 20% to user. | |
| **Expected Result:** | | After execution, System should displayed all charges options. | |
| **Actual Result:** | | After execution the charges are payed according to user will | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-3.5** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Checking of delivery boy is available or not. | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Delivery boy availability button | **Priority:** | Medium |
| **Precondition:** | | System has a button for checking availability of delivery boy. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on delivery button. 4. Click here to check the availability of delivery boy. | | 1. System start working. 2. System display “Main” screen successfully. 3. System will display all delivery options. 4. System will display no delivery boy if there is no any boy is available for delivery of food. | |
| **Expected Result:** | | After execution, System should displayed all available delivery boys. | |
| **Actual Result:** | | After execution all delivery boys are displayed. | |
| **Status:** | | Pass | |

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| **Test Id:** | **TC-3.6** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Work limit | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Working hours | **Priority:** | High |
| **Precondition:** | System has a button for counting working hours per delivery boy. |
| **Steps /Action** | **System Response** |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on delivery hour button. 4. Click here to count the extra working hours. | 1. System start working. 2. System display “Main” screen successfully. 3. System will display all working hours of every person. 4. System will display all working hours. |
| **Expected Result:** | After execution, System should displayed all working hours of delivery boy. |
| **Actual Result:** | After execution the time of every delivery boy is calculated. |
| **Status:** | Pass |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-3.7** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Estimate delivery time | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Admin | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Delivery Time | **Priority:** | High |
| **Precondition:** | | System has a button for counting working hours per delivery boy. | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display “Main” Screen 3. Click on delivery time button. 4. Click here to accept delivery. | | 1. System start working. 2. System display “Main” screen successfully. 3. System will display time for delivery. 4. System will accept all deliveries. | |
| **Expected Result:** | | After execution, System should display the time they take to deliver order | |
| **Actual Result:** | | After execution the time of every delivery is shown. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | **TC-3.8** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of Login Details | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Login Button | **Priority:** | Medium |
| **Precondition:** | | System has a button for login | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display ‘Main” Screen 3. Click on “Login” button 4. Enter username and password. 5. Click on “OK” Button. | | 1. System start working. 2. System display “Main” screen success 3. System displays “Login” webpage 4. System gets the user information successful 5. System get the login credentials successfully. | |
| **Expected Result:** | | After execution, System should easily logged-in. | |
| **Actual Result:** | | After execution, system has login the account successfully. | |
| **Status:** | | Pass | |

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| **Test Id:** | **TC-3.9** | **Test Case Designed by:** | Kainat Mudassar |
| **Test Case Title:** | Verification of details by user | **Test Case Executed by:** | Kainat Mudassar |
| **Module Name:** | Delivery Boy | **Test Case Execution Date:** | 6-7-2022 |
| **Test Data:** | Document | **Priority:** | Medium |
| **Precondition:** | | System has a button for sign up | |
| **Steps /Action** | | **System Response** | |
| 1. Click on Main Webpage 2. System display ‘Main” Screen 3. Click on “Login” button 4. Click on “Sign up” button 5. Enter email, first name, last name, CNIC, phone number etc. 6. Click on document attachment 7. Click on “Sign up button” | | 1. System start working. 2. System display “Main” screen success 3. System displays “Login” webpage 4. System displays “Create an Account” webpage. 5. System gets the user information successful 6. System test the document successfully 7. System generates User account successfully. | |
| **Expected Result:** | | After execution, System should generate a new account for the user. | |
| **Actual Result:** | | After execution, system has generated User account successfully. | |
| **Status:** | | Pass | |

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| **Test Id:** | TC-4.1 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Selection of recipient as Donor | **Test Case Executed by:** | Maha |
| **Module Name:** | Donation | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | High |
| **Precondition:** | | Stable Internet connection | |
| **Steps /Action** | | **System Response** | |
| * Donation button is clicked * Donor clicks on donation to restaurant/donation to shelter homes * Recipient is selected | | * Donation page opens. * Donation to restaurant/donation to shelter homes * Recipient data is stored | |
| **Expected Result:** | | Recipient selected successfully. | |
| **Actual Result:** | | Recipient selected successfully. | |
| **Status:** | | Pass | |

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| **Test Id:** | TC-4.2 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify donation of money as Donor | **Test Case Executed by:** | Maha |
| **Module Name:** | Donation | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | High |
| **Precondition:** | | Recipient is selected | |
| **Steps /Action** | | **System Response** | |
| * Donation to restaurant button is clicked * All the credentials are filled * Donate button is clicked | | * Donation to restaurant page opens. * Data filled is saved * Amount is donated | |
| **Expected Result:** | | Amount successfully donated. | |
| **Actual Result:** | | Amount successfully donated. | |
| **Status:** | | Pass | |

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| **Test Id:** | TC-4.3 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify donation of food as Donor | **Test Case Executed by:** | Maha |
| **Module Name:** | Donation | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images of icons | **Priority:** | High |
| **Precondition:** | | Recipient is selected | |
| **Steps /Action** | | **System Response** | |
| * Donation to shelter homes button is clicked * All the credentials are filled * Donate button is clicked | | * Donation to shelter homes page opens. * Data filled is saved * Food is donated | |
| **Expected Result:** | | Food successfully donated. | |
| **Actual Result:** | | Food successfully donated. | |
| **Status:** | | Pass | |

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| **Test Id:** | TC-5.1 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Sign-up as User | **Test Case Executed by:** | Maha |
| **Module Name:** | User Profile | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | High |
| **Precondition:** | | Internet availability. | |
| **Steps /Action** | | **System Response** | |
| * Sign Up button clicked * Required Credentials entered * Sign Up button clicked | | * Sign up form opens * Fields are filled successfully * Account logged in | |
| **Expected Result:** | | Successful Sign Up. | |
| **Actual Result:** | | Successful Sign Up. | |
| **Status:** | | Pass | |

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| **Test Id:** | TC-5.2 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Sign-in as User | **Test Case Executed by:** | Maha |
| **Module Name:** | User Profile | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | High |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Login button clicked * Required Credentials entered * Login button clicked | | * Login form opens * Fields are filled successfully * Account logged in | |
| **Expected Result:** | | Successful Login. | |
| **Actual Result:** | | Successful Login. | |
| **Status:** | | Pass | |

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| **Test Id:** | TC-5.3 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Find Food as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | High |
| **Precondition:** | | Internet availability. | |
| **Steps /Action** | | **System Response** | |
| * Restaurant name is clicked/searched * Required Credentials entered * Order Food button clicked | | * Restaurant is selected * Fields are filled successfully * Order confirmation page opened | |
| **Expected Result:** | | Successful order. | |
| **Actual Result:** | | Successful order. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-5.4 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Reviews as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | High |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Reviews button clicked * Required Credentials entered * Submit reviews button clicked | | * Reviews form opens * Fields are filled successfully * Reviews are stored | |
| **Expected Result:** | | Reviews given successfully. | |
| **Actual Result:** | | Reviews given successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-5.5 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Settings as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | Low |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Settings button clicked | | * Settings page opens | |
| **Expected Result:** | | Settings viewed successfully. | |
| **Actual Result:** | | Settings viewed successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-5.6 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify Logout as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | Low |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Settings button clicked * Logout button clicked | | * Settings page opens * User profile logs out | |
| **Expected Result:** | | User profile logged out successfully. | |
| **Actual Result:** | | User profile logged out successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-5.7 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify View of history as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | Medium |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Activity button clicked | | * All previous orders of user are listed | |
| **Expected Result:** | | Activity viewed successfully. | |
| **Actual Result:** | | Activity viewed successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-5.8 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify View of how to use page as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | Medium |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * Settings button clicked * “How to use” button clicked | | * Settings page opened * How to use page opened | |
| **Expected Result:** | | “How to use” page viewed successfully. | |
| **Actual Result:** | | “How to use” page viewed successfully. | |
| **Status:** | | Pass | |

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| --- | --- | --- | --- |
| **Test Id:** | TC-5.9 | **Test Case Designed by:** | Maha |
| **Test Case Title:** | Verify View of profile as User | **Test Case Executed by:** | Maha |
| **Module Name:** | Find Food | **Test Case Execution Date:** | 07-6-2022 |
| **Test Data:** | Text and Images | **Priority:** | Medium |
| **Precondition:** | | Successful Sign Up | |
| **Steps /Action** | | **System Response** | |
| * profile button clicked | | * Profile details are listed | |
| **Expected Result:** | | Profile viewed successfully. | |
| **Actual Result:** | | Profile viewed successfully. | |
| **Status:** | | Pass | |

## 5. Test Deliverables

Following are the deliverables and outcomes of this product: -

1. **Test plan:** It tells about the scope of testing, assignment of testing task, criteria of pass/fail and the environment required for testing.
2. **Test Design Specification:** It tells about the testing design. Tells the order of tests that are to be run and possible approach. It is finalized after the approval of both the developer and tester.
3. **Test Case Specifications:** It specifies the test cases that are to be run, scenarios of what, how and how often will they be tested.
4. **Test Procedure Specifications:** It specifies a sequence of actions to be performed for the execution of the test.
5. **Test Logs:** It contains detailed information about tests being executed including script, keywords etc. Also contains result of tested operation in each test case.
6. **Test Incident Reports:** If the tested operations and functions are not according to the test plan given then an incident report is generated including all the aspects and wrong outputs.
7. **Test Summary Reports:** It summarizes all the test activities done and their results. Also includes complete way in which tests are conducted.

### 5.1. Test Tasks

**Test plan**

Tasks to be done are as following:

* Compile information regarding testing criteria and methodology
* Create test cases
* Tabularize test cases
* Organize a plan in which tests can be conducted

**Test case specifications**

* Use functional and non-functional requirements to create criteria on which test case output can be judged
* Use a sprint sheet to coordinate use cases and appropriate test cases

**Test Incident reports**

* Create reports based on results of test cases

### 5.2. Environmental Needs

Following are some special requirements for this test plan:

* Data that is to be checked should be fully provided.
* Expected test results of all the features that are to be tested should be provided so as to check the results
* Internet connection should be stable.
* NetBeans is required to test the application.
* Communications
* Web
* Client/Server
* Network
* External
* Internal

### 5.3. Responsibilities

Both the team members are responsible for the testing of all the data that is to be tested in this project. Some test plans are designed by one and tested by the other member and vice versa.

## 6. Conclusion

The basis for our system are provided in this document and it also explains why it is needed. It also outlines what our system is made up of, a few of its operating principles and the tools and technologies required and used in the development of our system.

**Work Division**:

FA20-BCS-027: Heading 2, 4(half test cases), 5

FA20-BCS-029: Heading 1, 3, 4(half test cases), 6