**E-commerce Mobile Shop Project**

**SRS**

**Version History**

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| --- | --- | --- | --- |
| **Date** | **Description** | **Author** | **Comment** |
| 22 Mar 2024 | V 1.0 | M. Ramzy, M. Kassas | Initial draft |

**1. Introduction**

The E-commerce mobile shop project aims to provide a facility to make any customer buy any mobile phone from any supplier available.

This release will have limited features. Over a period of time, new functionalities will be added to the website.

**1.1 Purpose**

The Purpose of this document is to outline the software requirement specifications for the website to be developed. This document will be used by all stakeholders including developers and testers.

**1.2 Scope**

The scope of this project is limited to the testing of the features described in the succeeding sections of this document.

Non-functional testing like stress, performance is beyond scope of this project. Automation testing is beyond scope.

Functional testing & external interfaces are in scope and need to be tested.

The e-commerce website will be only compatible with Chrome version 95 or above and Firefox version 77 or above.

**2. Specific Requirements**

**The E-commerce mobile shop website will have 3 roles:**

1. **Client**
2. **Supplier**
3. **Admin**

**Following features/modules will be available to these 3 different roles**

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| --- | --- | --- |
| **Module Name** | **Applicable Roles** | **Description** |
| Registration | Client  Supplier | A Client or Supplier can create a new account using full name, email, gender and the role (Client or Supplier) as main required input values. |
| Login | Client  Supplier  Admin | A Client or Supplier or Admin can login using username and password as main required input values. |

**2.1 Front End Details**

**Registration**

* Client Full Name
* Gender
* Email
* Role

**Login**

* Username
* Password
* Forget your password

**2.2 Technical Requirements**

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| --- | --- | --- | --- | --- |
| **Req ID** | **Module Name** | **Field** | **Steps** | **Expected Outcomes** |
| Reg\_01.SRS\_01 | Registration | Full Name | 1- The user enters their **full name** (a string of characters with no numbers or special characters). | Upon successful registration, a message should appear:  “You registered successfully.” |
|  | Registration | Gender | 2- The user selects their **gender** (either male or female) |
|  | Registration | Email | 3- The user provides a valid **email address** in the format: characters@domain.com |
|  | Registration | Role | 4- The user chooses their **role** (either Client or Supplier). |
| Registration | Password | 5- The user sets a **password** that meets the following criteria:   * At least **8 characters** long. * Contains at least **1 uppercase letter**. * Includes at least **1 special character.** |
| Registration | Confirm password | 6- The user **confirms** their password by re-entering it. |
| Reg\_01.SRS\_02 | Registration | Full Name | 1- The user enters their **full name** (a string of characters with no numbers or special characters). | If the input is valid, proceed to the next step. **Otherwise**, display an error message. |
| Reg\_01.SRS\_03 | Registration | Gender | 2- The user selects their **gender** (either male or female) | If a valid gender option is selected, proceed to the next step. **Otherwise**, display an error message. |
| Reg\_01.SRS\_04 | Registration | Email | 3- The user provides a valid **email address** in the format: characters@domain.com | If the email format is valid, proceed to the next step. **Otherwise**, display an error message. |
| Reg\_01.SRS\_05 | Registration | Role | 4- The user chooses their **role** (either Client or Supplier). | If a valid role option is chosen, proceed to the next step. **Otherwise**, display an error message. |
| Reg\_01.SRS\_06 | Registration | Password | 5- The user sets a **password** that meets the following criteria:   * At least **8 characters** long. * Contains at least **1 uppercase letter**. * Includes at least **1 special character.** | If the password meets the criteria, proceed to the next step. **Otherwise**, display an error message. |
| Log\_01.SRS\_01 | Login | Username | The user enters a **valid email address** as their username. This email address must already exist in the database | If the email address is valid and exists, proceed to the next step.  **Otherwise**, display an error message. |
| Log\_01.SRS\_02 | Login | Password | The user enters a **valid password** that matches the password associated with their username. | If the password is correct, log in the user and redirect them to the home page based on their chosen role (Client or Supplier). **Otherwise**, display an error message. |
| Adm\_UD.SRS\_01 | Admin Panel - User Deletion |  | 1. The admin logs in to the system. |  |
| Admin Panel - User Deletion |  | 1. From the admin dashboard, the admin selects the “**Delete User**” option. |  |
| Admin Panel - User Deletion |  | 1. The admin enters the username or user ID of the user they want to delete. | Expected Outcome: If the user exists, proceed to the next step. **Otherwise**, display an error message. |
| Admin Panel - User Deletion |  | 1. The system confirms the deletion and removes the user from the database. | Successful deletions result in confirmation messages  “**Successful Deleted**” |
| Adm\_ItD.SRS\_01 | Admin Panel - Item Deletion |  | 1. The admin logs in to the system. |  |
| Admin Panel - Item Deletion |  | 1. From the admin dashboard, the admin selects the “**Delete Item**” option. |  |
| Admin Panel - Item Deletion |  | 1. The admin enters the item ID or name of the item they want to delete. | If the item exists, proceed to the next step. **Otherwise**, display an error message. |
| Admin Panel - Item Deletion |  | 1. The system confirms the deletion and removes the item from the inventory. | Successful deletions result in confirmation messages  “Successful Deleted” |
| HIS\_01.SRS\_01 | Viewing Purchase History |  | 1. The client logs in to their account. | The client can easily track their buying history by displaying a list with at least the last **10 purchased items** if exists. |
|  | 1. From the account dashboard, the client selects the “**Purchase History**” option. |
|  | 1. The system retrieves and displays a list of previous transactions.   Each transaction includes:   * Date * Product names * Quantity * Total cost |
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