Analysis lead

[Email address]

Abstract

[Draw your reader in with an engaging abstract. It is typically a short summary of the document.   
When you’re ready to add your content, just click here and start typing.]

Software requiremenet specifications

first sprint SRS

# User stories

* **User Story #1**

|  |  |
| --- | --- |
| User Story ID | US #1 |
| User Story Name | User Sign-up |
| Actors | User (Customer) |
| Description | As a user I’d like to be able to sign up to the application So that I can create an account and access its services |
| Pre condition | User is not registered |
| Post condition | A new user account is created in the system.  User receives a confirmation message/email. |
| Acceptance Criteria | Given I’m a new user on the sign-up page  When I fill in valid information (email, username, password) and click “Sign Up”  Then the system creates my account and shows a confirmation message |

**Scenarios:**

**Normal Scenario:**

|  |  |
| --- | --- |
| Actor Action | System Response |
| 1. User clicks on sign-up button |  |
|  | 1. System displays sign up page 2. System displays boxes to input the sign-up information required |
| 1. User fills in the boxes |  |
|  | 1. System Verifies the user information 2. System saves user information in the database |

**Exceptional Scenario:**

|  |  |
| --- | --- |
| Actor Action | System Response |
| 1. User clicks on sign-up button |  |
|  | 1. System displays sign up page 2. System displays boxes to input the sign-up information required |
| 1. User fills in the boxes |  |
|  | 1. System Verifies the user information 2. System finds input information invalid 3. System displays “Please enter valid information” message |

**User Story #2**

|  |  |
| --- | --- |
| User Story ID | US #2 |
| User Story Name | User Login |
| Actors | User (Customer) |
| Description | As a user  I'd like to be able to login to the application  So that I can sign in and access its services |
| Pre-condition | User has an active registered account. |
| Post condition | User is authenticated and redirected to the homepage/dashboard.  Invalid attempts are logged and appropriate error messages displayed |
| Acceptance Criteria | Given I am a registered user on the login page,  When I enter valid credentials,  Then I should be successfully logged in and redirected to the homepage.  Given I enter invalid credentials,  When I attempt to log in,  Then the system should reject the login and display an error message. |

**Scenarios:**

**Normal Scenario:**

|  |  |
| --- | --- |
| Actor Action | System Response |
| User clicks on log-in button |  |
|  | System displays log in page  System displays boxes to input the username and password |
| User fills in the boxes |  |
|  | System Verifies the user information  System accesses user to app functionalities |

**Exceptional Scenario:**

|  |  |
| --- | --- |
| Actor Action | System Response |
| User clicks on log-in button |  |
|  | System displays log in page  System displays boxes to input the username and password |
| User fills in the boxes |  |
|  | System Verifies the user information  System finds input information invalid  System displays “Please enter valid username / password” message |

**User Story #3**

|  |  |
| --- | --- |
| User Story ID | US #3 |
| User Story Name | Browse Products |
| Actors | User (Customer) |
| Description | As a user I’d like to browse products So that I can explore available items |
| Pre condition | Products are available in the system catalog. |
| Post condition | Product catalog is displayed with details (name, price, image). |
| Acceptance Criteria | Given I am on the product catalog page,  When I browse the store,  Then I should see a list of available products with details (name, price, image).  And products should be paginated or scrollable if the list is large. |

**Normal scenario**

|  |  |
| --- | --- |
| Actor Action | System Response |
| The customer navigates to the product catalog page. |  |
|  | System displays the product catalog with product details (name, price, image) |
| User scrolls or clicks pagination controls |  |
|  | System loads additional products and updates the catalog view |

**Exceptional Scenario:**

**A1. No Products Available**

|  |  |
| --- | --- |
| Actor Action | System Response |
| User navigates to the product catalog page | System detects no products exist |
|  | System displays a message: *“No products available at the moment. Please check back later.”* |

**A3. Missing Product Details**

|  |  |
| --- | --- |
| Actor Action | System Response |
| User navigates to the product catalog page | System detects missing details for some products |
|  | System displays available details, shows placeholder image if missing, or “Price not available” if missing |