ASSIGNMENT

Test Plan:-

1. Introduction: The purpose of this test plan is to outline the testing approach for the RealCurators website. The website is accessible at [https://beta.realcurators.io](https://beta.realcurators.io/) and the testing will cover both user and admin functionalities. The credentials for testing are provided as follows:

User:

* + Email: [harshit@heliverse.com](mailto:harshit@heliverse.com)
  + Password: ABC123abc

Admin:

* + Email: [team@realcurators.io](mailto:team@realcurators.io)
  + Password: Abcdef

1. Test Objectives: The main objectives of testing the RealCurators website are:
   * To ensure that all user and admin functionalities are working as expected.
   * To validate the usability, performance, and security aspects of the website.
   * To identify and report any defects or issues that may affect the website's functionality or user experience.
2. Test Environment: The testing will be performed in the following environment:
   * Operating System: Windows 11
   * Browsers: Google Chrome
   * Devices: Desktop
3. Test Scope: The scope of testing will cover the following areas of the RealCurators website:

a) User Functionality:

* + User registration and login
  + Profile management
  + Search and filtering
  + Collection creation and management
  + Artwork submission and management
  + User dashboard
  + Notifications and messaging
  + Payment

b) Admin Functionality:

* + Admin login
  + User management

c) Cross-functional Requirements:

* + Usability testing
  + Performance testing
  + Security testing

1. Test Scenarios:

5.1 User Functionality:

a) User Registration and Login:

- Verify that a new user can successfully register with valid information.

- Verify that registration fails with invalid or duplicate information.

- Verify that a registered user can log in with correct credentials.

- Verify that login fails with incorrect or invalid credentials.

b) Profile Management:

- Verify that a user can update their profile information (name, email, etc.).

- Verify that changes to the profile are reflected correctly.

- Verify that a user can upload a profile picture successfully.

c) Search and Filtering:

- Verify that the search functionality returns accurate results based on keywords.

- Verify that filtering options (category, artist, etc.) work correctly.

- Verify that pagination works as expected, displaying the correct number of items per page.

d) Collection Creation and Management:

- Verify that a user can create a new collection.

- Verify that a user can add artworks to a collection.

- Verify that a user can remove artworks from a collection.

- Verify that a user can edit the details of a collection.

e) Artwork Submission and Management:

- Verify that a user can submit an artwork for consideration.

- Verify that the submitted artwork appears correctly in the user's dashboard.

- Verify that a user can edit or delete their own submitted artworks.

f) User Dashboard:

- Verify that the user dashboard displays the correct information.

- Verify that notifications and messages are shown accurately.

g) Notifications and Messaging:

- Verify that a user receives notifications for relevant actions.

- Verify that a user can send and receive messages from other users.

h) Payment Processing (if applicable):

- Verify that payment processing for purchases or transactions works smoothly.

**TEST CASES**

5.1. a) User Registration and Login:

Test Case 1: Successful User Registration

1. Navigate to the registration page.
2. Enter valid registration details (name, email, password).
3. Click on the "Register" button.
4. Expected Result: User registration is successful, and the user is redirected to the login page.
5. Verify that the user receives a registration confirmation email (if applicable).

Test Case 2: User Registration with Invalid Information

1. Navigate to the registration page.
2. Enter invalid registration details (e.g., invalid email format, password too short).
3. Click on the "Register" button.
4. Expected Result: User registration fails, and appropriate error messages are displayed.
5. Verify that the user is not registered and remains on the registration page.

Test Case 3: Successful User Login

1. Navigate to the login page.
2. Enter valid login credentials (email and password).
3. Click on the "Login" button.
4. Expected Result: User login is successful, and the user is redirected to the user dashboard.
5. Actual result: User entered correct id and password but error message showing that “wrong password”.

Test Case 4: User Login with Invalid Credentials

1. Navigate to the login page.
2. Enter invalid login credentials (e.g., incorrect email or password).
3. Click on the "Login" button.
4. Expected Result: User login fails, and appropriate error messages are displayed.
5. Verify that the user is not logged in and remains on the login page.