**HealthMate**

Software Test Plan

CSCI-P465/565 (Software Engineering I)

Project Team

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1. Overview
   1. Test Objectives
      * The homepage/Dashboard page is loading and displaying basic divisions.
      * The homepage/Dashboard page is showing the expected placeholders text and buttons.
      * Login Page has the necessary button
      * The Registration page has the necessary fields
      * Data from registration page is being sent to the Database successfully
      * Validations on registration Page
      * Validating OAuth
   2. Test Environment
      * 1: Local testing on a Mac System(ARM), using Google Chrome Browser.
   3. Test Personnel
      * Satwik Kulkarni
      * Vikram Kolla
   4. Acceptance Criteria
      * A user open the webpage and see the basic layout of the dashboard page and the placeholder text and buttons.
      * The user is able to load the Login Page and has fields to enter username and password.
      * The user is able to load the Registration page and fill all necessary fields.
      * All details entered in the registration page should be saved to the database.
      * All validations should be working on Login and Registration Page
   5. Noted Omissions
2. Test Cases
   1. Test Case 1: Home/Dashboard Page opens and displays basic layout.
      * Description: A user opens the website and sees the expected layout for the page.
      * Initial Conditions: The Home/Dashboard page should be opened.
      * Input Data: None
      * Specifications: User has access to the dashboard/home page.
      * Procedure: User should go to the specified URL to access the dashboard/home page
   2. Test Case 2: Home/Dashboard Page displays placeholder buttons and text.
      * Description: User should be able to see placeholder text and buttons.
      * Initial Conditions: The Home/Dashboard page should be opened.
      * Input Data: None.
      * Specifications: User has access to the dashboard/home page.
      * Procedure: User should go to the specified URL to access the dashboard/home page
   3. Test Case 3: The user is able to load the login page
      * Description: A user opens the login page and has options to enter username and password.
      * Initial Conditions: The Login Page should load.
      * Input Data: None
      * Specifications: None.
      * Procedure: User should go to the Login Page.
   4. Test Case 4: The user should be able to enter username and password.
      * Description: A user should be able to enter username and password in the text boxes provided for the same.
      * Initial Conditions: User should be on the login page
      * Input Data: Username and password
      * Specifications: None
      * Procedure: User should enter username, password and get redirected to the home page

2.5 Test Case 5: The user should be able to enter all user details in the registration page

* + - Description: A user should be able to enter all details like first name, last name, email etc.
    - Input Data: First name, last name, email, contact information, password.
    - Specifications: None.
    - Procedure: User should enter First name, last name, email, contact information, password and click on register.

2.6 Test Case 6: All validations should work on the registration page.

* + - Description: All front-end validations should work on the registration page. Validation errors should be shown if incorrect input is entered in the fields.
    - Input Data: First name, last name, email, contact information, password.
    - Specifications: None.
    - Procedure: Enter incorrect information in the fields.

**Revision History**

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| --- | --- | --- |
| **Revision** | **Date** | **Change Description** |
| 1.1 | 2/19/2023 | Initial Test cases for dashboard/home page |
| 1.2 | 3/5/2023 | Test Cases for Login, Registration and OAuth |