**Software Test Design Document**

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**Software Test Design Document**

**1 Document Overview**

This document provides the detailed test design for the Gmail Desktop App software development project. It outlines the approach, resources, and schedule for the testing activities. The goal is to ensure that the software meets its requirements and works as expected.

**2. Test Design**

**2.1 Test Case Template**

|  |  |
| --- | --- |
| **Test case name** |  |
| **Test case goal** |  |
| **Data** |  |
| **Preconditions** |  |
| **Writer** |  |
| **Date** |  |
| **Prioritization** |  |

|  |  |  |
| --- | --- | --- |
| **Serial number:** | **Step:** | **Required outcome:** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |

**2.2 Test Case Descriptions**

**Test Case ID: 001**

|  |  |
| --- | --- |
| **Test case name** | Login page – Test successful login process |
| **Test case goal** | Verifying that when inserting a signed-up email and its password, then the login will success and the user will access the website home page. |
| **Data** | A signed-up email, and it's password. |
| **Preconditions** | A computer with internet connection, and a user that has signed-up to the website. |
| **Writer** | Shibel Alshech |
| **Date** | 14/07/2024 |
| **Prioritization** | 1 |

|  |  |  |
| --- | --- | --- |
| **Serial number:** | **Step:** | **Required outcome:** |
| **1** | open a web browser and navigate to Asana's login page | Asana's login page will display and an input to insert the email appears. |
| **2** | Insert a signed-up email to the email input field | The email will appear in the input field. |
| **3** | Click on "Continue" button | The browser will move to the password page. |
| **4** | Insert the password | The password will appear in the input field as black dots. |
| **5** | Click on "Log In" button | The login process will end and will move to the website home page. |

**Test Case ID: 002**

|  |  |
| --- | --- |
| **Test case name** | Test drag and drop feature in Dashboard page. |
| **Test case goal** | Verifying that dragging a chart from the left to the right works after adding 2 charts. |
| **Data** | Two charts added to the dashboard page. |
| **Preconditions** | A computer with internet connection, logged in to Asana, and in the dashboard page. |
| **Writer** | Shibel Alshech |
| **Date** | 14/07/2024 |
| **Prioritization** | 2 |

|  |  |  |
| --- | --- | --- |
| **Serial number:** | **Step:** | **Required outcome:** |
| **1** | Add two different charts to the dashboard page | The two charts will appear as the first one will be in the left, and the second will be in the right. |
| **2** | Save the location of each chart on the website | The location of each chart will be saved in appropriate variable as dictionary that consists of the x and y coordinates. |
| **3** | Drag the left chart to the right, in place of the right chart. | The left chart will sit in place of the right chart, and vice-versa. |
| **4** | Capture the final location of each chart in the page. | The location of each chart will be saved in appropriate variable as dictionary that consists of the x and y coordinates. |
| **5** | Assert that the final left chart location is equal to the initial right chart location, and vice versa. | The assertions will complete, and the test will pass. |

**Test Case ID: 003**

|  |  |
| --- | --- |
| **Test case name** |  |
| **Test case goal** |  |
| **Data** |  |
| **Preconditions** |  |
| **Writer** |  |
| **Date** |  |
| **Prioritization** |  |

|  |  |  |
| --- | --- | --- |
| **Serial number:** | **Step:** | **Required outcome:** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |