**Test Cases**

**for**

**extraVEGANza**

**Version 1.1 approved**

**Prepared by Bryan Lu**

**Team Anyhow Anything Anywhere**

**2nd April 2023**

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Bryan Lu | 9/3/2023 | First Version | 1.1 |

# Test Cases

The test cases incorporate the following aspects:

|  |  |
| --- | --- |
| 1.1 – 1.6 | User Account Management |
| 1.7 | Map Page Functionality |
| 1.8 | List Page Functionality |
| 1.9 – 1.10 | Community Page Functionality |
| 1.11 | Application Settings |

The test cases consider extreme cases, critical functionality cases, and cases where the software is deemed to have a high probability of failure. These test cases are recommended to be tested sequentially, as subsequent test cases may rely on previous test cases’ inputs and updates to the application and database, and for the convenience of setting up the testing environment.

## Create Account

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC001 | | |
| Test Case Name: | Create Account | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Username : Ahhh  Password : asdf  Confirm Password : asdf | Fail |  |
| 2 | Username : Ahhh  Password : Asdf123456789!  Confirm Password : Asdf1234567891 | Fail |  |
| 3 | Username : Ahhh  Password : Asdf123456789!  Confirm Password : Asdf123456789! | Success |  |
| 4 | Username : Ahhh  Password : An0therP@ssword  Confirm Password : An0therP@ssword | Fail |  |
| 5 | Username : username1234  Password : An0therP@ssword  Confirm Password : An0therP@ssword | Success |  |

## Log In Account

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC002 | | |
| Test Case Name: | Log In Account | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Username : Ahhhh  Password : Asdf1234567891 | Fail |  |
| 2 | Username : Ahhhh  Password : Asdf123456789! | Fail |  |
| 3 | Username : Ahhh  Password : Asdf1234567891 | Fail |  |
| 4 | Username : Ahhh  Password : Asdf123456789! | Success |  |

## Sign Out Account

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC003 | | |
| Test Case Name: | Sign Out Account | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | After logging in, click on “Sign out” button | Successful sign out |  |
| 2 | Username : username1234  Password : An0therP@ssword | Successful log in |  |

## Update Account Details

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC004 | | |
| Test Case Name: | Update Account Details | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Username : NewAhhh  Password :  Confirm New Password : | Successful |  |
| 2 | Username :  Password : asdf  Confirm New Password : asdf | Fail |  |
| 3 | Username :  Password : Yunn@nG4rden  Confirm New Password : Yunn@nG0rden | Fail |  |
| 4 | Username :  Password : Yunn@nG4rden Confirm New Password : Yunn@nG4rden | Success |  |
| 5 | Username : username1234  Password : Yunn@nG4rden Confirm New Password : Yunn@nG4rden | Fail |  |
| 6 | Username : Ahhh1234  Password : Yunn@nG4rden  Confirm New Password : Yunn@nG4rden | Success |  |
| 7 | Username : Ahhh  Password : NewP@ssw0rd!  Confirm New Password : NewP@ssw0rd! | Success |  |

## Delete Account

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC005 | | |
| Test Case Name: | Delete Account | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | After logging in, click on “DELETE ACCOUNT” button | “DELETE ACCOUNT” button should change to “ARE YOU SURE” button |  |
| 2 | Do nothing for 5 seconds | “ARE YOU SURE” button should change to “DELETE ACCOUNT” button |  |
| 3 | After repeating No. 1, click on “ARE YOU SURE” button within 5 seconds | Successful account deletion |  |
| 4 | Log in with same initial account username and password | Failed log in |  |

## Remain Logged In After Refresh

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC006 | | |
| Test Case Name: | Remain Logged In After Refresh | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | After logging in, refresh the page, by hitting refresh, or closing and opening the browser and then navigating to web application again | User is still logged in |  |

## Map Page Functionality

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC007 | | |
| Test Case Name: | Map Page Functionality | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Navigate to the Map Page | A Google Map Frame should appear with the previous location set as the center of the map |  |
| 2 | Click on the search bar, and enter an address, or a search query.  e.g., NTU | A dropdown with 10 most relevant results should be shown |  |
| 3 | Click on one of the results. e.g., NANYANG TECHNOLOGICAL UNIVERSITY - 63 NANYANG DRIVE NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE 636922 | The dropdown menu should be closed, the selected address should be shown in the search bar, the map should be centered at the selected location, and map markers (if any) should be shown |  |
| 4 | Click on one of the markers (if any) | A pop up with the location information should be shown |  |
| 5 | Select all combinations of dietary restrictions | Map markers should be updated to reflect change |  |

## List Page Functionality

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC008 | | |
| Test Case Name: | List Page Functionality | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Navigate to the List Page | A list of 20 restaurants should appear |  |
| 2 | Click on the search bar, and enter an address, or a search query.  e.g., NTU | The list should be updated which contains the search query |  |
| 3 | Select all combinations of dietary restrictions | The list should be updated accordingly |  |
| 4 | Click on the sorting menu next to the search bar | A dropdown will be shown, with the current option highlighted, and other option unhighlighted |  |
| 5 | Click on one of the sorting options | The list should be updated accordingly |  |
| 6 | Scroll down to the end of the list | The list should show more of the restaurants (if it has more) |  |
| 7 | Select one of the restaurants in the list. e.g., Subway - NTU | The information of the restaurant should be shown in the popup that appeared |  |

## Community Page Functionality

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC009 | | |
| Test Case Name: | Community Page Functionality | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Navigate to the Community Page | A list of the recent 20 posts should appear |  |
| 2 | Click on the search bar, and enter an address, or a search query.  e.g., NTU | The list should be updated which contains the search query |  |
| 3 | Click on the sorting menu next to the search bar | A dropdown will be shown, with the current option highlighted, and other option unhighlighted |  |
| 4 | Scroll down to the end of the list | The list should show more of the restaurants (if it has more) |  |

## Create Community Post Functionality

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID: | TC010 | | |
| Test Case Name: | Create Community Post Functionality | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | Sign out of account, and select a restaurant at the list page, and click on the share button, e.g. Koufu - NTU | A popup for creating post should appear |  |
| 2 | Fill in the post and click “Submit”.  Rating :  Title :  Content : | Failed submission |  |
| 3 | Fill in the post and click “Submit”.  Rating : <negative number, number larger than 5, number with decimals>  Title :  Content : | Value of rating should change the nearest number between 0 and 5, with a division of 0.5.  Failed submission |  |
| 4 | Fill in the post and click “Submit”.  Rating : 4  Title : <more than 30 characters>  Content : | Value of title should have a maximum of 30 characters, extra characters would not be registered.  Failed submission |  |
| 5 | Fill in the post and click “Submit”.  Rating : 4  Title : Tite leS than 30 ch@ract3r  Content : <more than 500 characters> | Value of content should have a maximum of 500 characters, extra characters would not be registered.  Failed submission |  |
| 6 | Fill in the post and click “Submit”.  Rating : 4  Title : Tite leS than 30 ch@ract3r  Content : <any content, e.g., holding down ‘m’> | Failed submission |  |
| 7 | Repeat No. 1, but log into account, fill in the post and click “Submit”.  Rating : 4  Title : Nice food, nice staff  Content : Very good experience | Successful submission (check in community page for submission) |  |

## Application Settings

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| --- | --- | --- | --- |
| Test Case ID: | TC011 | | |
| Test Case Name: | Application Settings | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 2023-04-02 | Date Last Updated: | 2023-04-02 |

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| --- | --- | --- | --- |
| Test Case No. | Inputs | Expected Result | Test Result |
| 1 | After selecting non-default location in the Map Page, click on the Setting Popup “Reset map location to default” button | The Map Page should be reset, with the location returned to default (Nanyang Technological University Hall 1) |  |
| 2 | After selecting non-default location in the Map Page, and logged in, click on the Setting Popup “Reset application” button | The Map Page should be reset, with the location returned to default (Nanyang Technological University Hall 1), and the user should be signed out |  |