**Use Cases**

**for**

**extraVEGANza**

**Version 1.0 approved**

**Prepared by Li Lin, Bryan Lu**

**Team Anyhow Anything Anywhere**

**28th January 2023**

**Revision History**

| **Name** | **Date** | **Reason For Changes** | **Version** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

**Select Dietary Restrictions**

| Use Case ID: | 1.1 | | |
| --- | --- | --- | --- |
| Use Case Name: | Select Dietary Restrictions | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 28/1/2023 | Date Last Updated: | 28/1/2023 |

| Actor: | User |
| --- | --- |
| Description: | This use case allows users to select their own dietary restrictions. |
| Preconditions: | 1. The user has opened the webpage for searching restaurant choices. |
| Postconditions: | 1. The user has selected the dietary restrictions. |
| Priority: | 1 |
| Frequency of Use: | More than or equal to 1 times |
| Flow of Events: | 1. The user selects the dietary restrictions from the sidebar of the webpage. 2. The webpage updates the list of restaurants. |
| Alternative Flows: | N/A |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: | If none of the dietary restrictions are chosen, the webpage assumes the user has none of the dietary restrictions. |
| Notes and Issues: |  |

**List Shortlisted Restaurant**

| Use Case ID: | 1.2 | | |
| --- | --- | --- | --- |
| Use Case Name: | List Shortlisted Restaurant | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 28/1/2023 | Date Last Updated: | 28/1/2023 |

| Actor: | Application |
| --- | --- |
| Description: | This use case allows users to obtain a list of shortlisted restaurants based on the predetermined criterias. |
| Preconditions: | 1. The user has chosen one or more dietary restrictions.   or   1. The webpage has just been loaded. |
| Postconditions: | N/A |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The webpage would load a list of restaurants based on the dietary restrictions selected. |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Choose Sort Order**

| Use Case ID: | 1.3 | | |
| --- | --- | --- | --- |
| Use Case Name: | Choose Sort Order | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: | User |
| --- | --- |
| Description: | This use case allows the user to select the sorting type for the list of restaurants. |
| Preconditions: | 1. The webpage has already loaded the list of restaurants. |
| Postconditions: | 1. The user has selected the sorting order. |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The user clicks on the sort icon. 2. The webpage displays a drop down menu of the sorting options available. 3. The user selects one of the sorting options available. 4. The webpage updates the list based on the sorting order. |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Search Restaurant**

| Use Case ID: | 1.4 | | |
| --- | --- | --- | --- |
| Use Case Name: | Search Restaurant | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: | User |
| --- | --- |
| Description: | This use case allows the user to search for restaurants. |
| Preconditions: | 1. The user has access to the restaurants’ search bar. |
| Postconditions: | 1. The webpage searches the database and displays the relevant results. |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The user clicks on the search bar. 2. The user enters the search query into the search bar. 3. The user presses “Enter” or presses the search icon to submit the search query. 4. The webpage searches the database based on the search query. 5. The webpage updates the list of restaurants with the relevant results. |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Select Preferred Restaurant**

| Use Case ID: | 1.5 | | |
| --- | --- | --- | --- |
| Use Case Name: | Select Preferred Restaurant | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: | User |
| --- | --- |
| Description: | This use case allows the user to select their preferred restaurant from the list of restaurants. |
| Preconditions: | 1. The webpage has already loaded the list of restaurants.   or   1. The webpage has displayed a map of restaurants. |
| Postconditions: | 1. The user has clicked on the restaurant. |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The user clicks on the content container of the restaurant. |
| Alternative Flows: | N/A |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Show Restaurant Information**

| Use Case ID: | 1.6 | | |
| --- | --- | --- | --- |
| Use Case Name: | Show Restaurant Information | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: | Application |
| --- | --- |
| Description: | This use case allows the web application to display the restaurant information. |
| Preconditions: | 1. The user has selected their preferred restaurant. |
| Postconditions: | 1. The application has displayed the restaurant information. |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The webpage searches the database for the restaurant that the user has chosen. 2. The webpage retrieves the information of the restaurant. 3. The webpage displays the information of the restaurant. |
| Alternative Flows: | AF-S1: If the restaurant has no entry in the database.   1. The webpage displays a message on the webpage |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Show Restaurant Menu**

| Use Case ID: | 1.7 | | |
| --- | --- | --- | --- |
| Use Case Name: | Show Restaurant Menu | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: | User, Web application |
| --- | --- |
| Description: | This use case allows the webpage to display the restaurant menu. |
| Preconditions: | 1. The user has selected their preferred restaurant. 2. The user has opened the restaurant information page. |
| Postconditions: | 1. The user exits from the restaurant menu page. |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The user clicks on the “Show menu” button. 2. The webpage searches the database for the restaurant menu, 3. The webpage retrieves the menu information from the database. 4. The webpage displays the restaurant menu to the user. |
| Alternative Flows: | AF-S2: If the restaurant menu does not have an entry in the database.   1. The webpage displays a message alerting the user that there is no menu available for the restaurant. |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Navigate to Restaurant**

| Use Case ID: | 1.8 | | |
| --- | --- | --- | --- |
| Use Case Name: | Navigate to Restaurant | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: | User, Google Map, Web Application |
| --- | --- |
| Description: | This use case allows the user to navigate to the selected restaurant through a Google Map API. |
| Preconditions: | 1. The user has selected their preferred restaurant. 2. The user has opened the restaurant information page. |
| Postconditions: | 1. The user exits from the restaurant information page. |
| Priority: | 1 |
| Frequency of Use: | 1 |
| Flow of Events: | 1. The user clicks on the “navigate button”. 2. The webpage connects to the Google Map API. 3. The webpage sends the restaurant location data to Google Map API. 4. The webpage retrieves the navigation information from the Google Map API. 5. The webpage displays an embedded frame of Google Map. 6. The webpage updates the embedded frame of Google Map based on the user's current location data. |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Access Community Page**

| Use Case ID: | Access Community Page | | |
| --- | --- | --- | --- |
| Use Case Name: | 1.9 | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Share Recommendation**

| Use Case ID: | 1.10 | | |
| --- | --- | --- | --- |
| Use Case Name: | Share Recommendation | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Login**

| Use Case ID: | 1.11 | | |
| --- | --- | --- | --- |
| Use Case Name: | Login | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Access Settings**

| Use Case ID: | 1.12 | | |
| --- | --- | --- | --- |
| Use Case Name: | Access Settings | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Access Help**

| Use Case ID: | 1.13 | | |
| --- | --- | --- | --- |
| Use Case Name: | Access Help | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Access Account**

| Use Case ID: | 1.14 | | |
| --- | --- | --- | --- |
| Use Case Name: | Access Account | | |
| Created By: | Bryan Lu | Last Updated By: | Bryan Lu |
| Date Created: | 7/2/2023 | Date Last Updated: | 7/2/2023 |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

**Use Case Template**

| Use Case ID: |  | | |
| --- | --- | --- | --- |
| Use Case Name: |  | | |
| Created By: |  | Last Updated By: |  |
| Date Created: |  | Date Last Updated: |  |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
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| Date Created: |  | Date Last Updated: |  |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
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| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
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| Includes: |  |
| Special Requirements: |  |
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| Date Created: |  | Date Last Updated: |  |

| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
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| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
| Frequency of Use: |  |
| Flow of Events: |  |
| Alternative Flows: |  |
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| Actor: |  |
| --- | --- |
| Description: |  |
| Preconditions: |  |
| Postconditions: |  |
| Priority: |  |
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| Flow of Events: |  |
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**Use Case Template**

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| --- | --- | --- | --- |
| Use Case Name: |  | | |
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| Postconditions: |  |
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| Flow of Events: |  |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |