| Use Case ID: | 1 | | |
| --- | --- | --- | --- |
| Use Case Name: | Register | | |
| Created By: | Zheng Kai | Last Updated By: | Zheng Kai |
| Date Created: | 3 Feb 2022 | Date Last Updated: | 3 Feb 2022 |

| Actor: | User |
| --- | --- |
| Description: | The user signs up for an account. |
| Preconditions: | The user has a personal email. |
| Postconditions: | The user has successfully registered for an account. |
| Priority: | Medium |
| Frequency of Use: | Medium |
| Flow of Events: | | Actor Steps | System Steps | | --- | --- | | 1. The user navigates to sign up on the sign in page and picks the option to sign up. | 2. The system navigates to the sign up page.    3. The system asks the user to sign up with an email, password, personal information including name, gender and birthdate. | | 4. The user inputs the personal email , personal information and set the password for the account. | 5. The system creates the user and saves the user into the backend. | |  | 6. The system reports to user that the sign up is successful.  7. The system returns to the sign in page. | |
| Alternative Flows: | If the user inputs an invalid email address to sign up.   1. The system displays a message “This is an invalid email address”.   2. The system reverts to the beginning of step 4.  If the user inputs an email address that has already been used for signing up.   1. The system displays a message that says “This email has been used for a previous account!”. 2. The system reverts to the beginning of step 4 |
| Exceptions: | The user cancels the signing up process.   1. Sign up process stops and system returns to log in page |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

| Use Case ID: | 2 | | |
| --- | --- | --- | --- |
| Use Case Name: | Log in | | |
| Created By: | Kelsey | Last Updated By: | Kelsey |
| Date Created: | 3 Feb 2022 | Date Last Updated: | 3 Feb 2022 |

| Actor: | User |
| --- | --- |
| Description: | The user signs in to the app. |
| Preconditions: | The user has a registered account. |
| Postconditions: | The user successfully logs in or an account is created. |
| Priority: | Medium |
| Frequency of Use: | Medium |
| Flow of Events: | | Actor Steps | System Steps | | --- | --- | | 1. The user proceeds to sign in. | 2. The system navigates to the sign in page. | | 3. The user enters his account email and password and signs in. |  | |  | 7. The system verifies the user’s account and password and the user is signed in. | |
| Alternative Flows: | If the user inputs an invalid email address that has not been used to sign up   1. The system displays an error message that says ‘This email does not have a registered account!’ 2. The systems reverts to step 3. |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

| Use Case ID: | 3 | | |
| --- | --- | --- | --- |
| Use Case Name: | Create new itinerary | | |
| Created By: | Jewel | Last Updated By: | Jewel |
| Date Created: | 3 Feb 2022 | Date Last Updated: | 3 Feb 2022 |

| Actor: | User |
| --- | --- |
| Description: | The user creates a new itinerary |
| Preconditions: |  |
| Postconditions: | The user successfully creates a new itinerary. |
| Priority: | Medium |
| Frequency of Use: | Medium |
| Flow of Events: | | Actor Steps | System steps | | --- | --- | | 1. The user proceeds to create an itinerary | 2. The system navigates to the create itinerary page.  3. The system prompts the user for preferences which include location, budget, number of pax and duration. | | 4. The user enters his preferences. |  | |  | 5. The system uses the preference inputs to generate an itinerary for the user. | |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

| Use Case ID: | 4 | | |
| --- | --- | --- | --- |
| Use Case Name: | View featured itineraries | | |
| Creitated By: | Zheng Kai | Last Updated By: | Zheng Kai |
| Date Created: | 3 Feb 2022 | Date Last Updated: | 3 Feb 2022 |

| Actor: | User |
| --- | --- |
| Description: | The user views featured itineraries |
| Preconditions: |  |
| Postconditions: | The user successfully views featured itineraries. |
| Priority: | Medium |
| Frequency of Use: | Medium |
| Flow of Events: | | Actor Steps | System Steps | | --- | --- | | 1. The user clicks on view featured itineraries. | 2. The system navigates to the featured itineraries page. | |  | 3. The system shows all featured itineraries. | |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: | - |
| Special Requirements: | - |
| Assumptions: | - |
| Notes and Issues: | - |

| Use Case ID: | 5 | | |
| --- | --- | --- | --- |
| Use Case Name: | View saved itineraries | | |
| Created By: | Zheng Kai | Last Updated By: | Zheng Kai |
| Date Created: | 3 Feb 2022 | Date Last Updated: |  |

| Actor: | User |
| --- | --- |
| Description: | The user views saved itineraries. |
| Preconditions: | The user must have a registered account. |
| Postconditions: | The user successfully views his saved itineraries. |
| Priority: | Medium |
| Frequency of Use: | Medium |
| Flow of Events: | | Actor Steps | System Steps | | --- | --- | | 1. The user proceeds to view his saved itineraries. | 2. The system navigates to the saved itineraries page. | |  | 3. The system shows the user’s saved itineraries. | |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

| Use Case ID: | 6 | | |
| --- | --- | --- | --- |
| Use Case Name: | View activities near me | | |
| Created By: | Jewel | Last Updated By: |  |
| Date Created: | 3 Feb 2022 | Date Last Updated: |  |

| Actor: | User |
| --- | --- |
| Description: | The user views activities near his preferred location. |
| Preconditions: | The user has a registered account. |
| Postconditions: | The user successfully views activities near his preferred location. |
| Priority: | Medium |
| Frequency of Use: | Medium |
| Flow of Events: | | Actor Steps | System Steps | | --- | --- | | 1. The user proceeds to view activities near his preferred location. | 2. The system navigates to the ‘activities near me’ page. | |  | 3. The system shows the available activities that are near the user’s preferred location. | |
| Alternative Flows: |  |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: |  |
| Assumptions: |  |
| Notes and Issues: |  |

| Use Case ID: | 7 | | |
| --- | --- | --- | --- |
| Use Case Name: | View most popular activities | | |
| Created By: | Jewel | Last Updated By: |  |
| Date Created: | 3 Feb 2022 | Date Last Updated: |  |

| Actor: | User |
| --- | --- |
| Description: | Top 10 most favourited activities by users will be displayed. |
| Preconditions: | 1. Web must be connected to the internet |
| Postconditions: | 1. Relevant activities will be displayed. 2. Users can choose to click into any activity listed in display |
| Priority: | - |
| Frequency of Use: | 0-5 times per lifetime |
| Flow of Events: | 1. User taps “View most popular activities” under the homepage. 2. Display top 10 activities (by number favourites). 3. User may click into activity of interest. 4. User will be directed to view details of activity of interest. |
| Alternative Flows: | - |
| Exceptions: | - |
| Includes: | - |
| Special Requirements: | - |
| Assumptions: | There already exists data on users and their number of saves. |
| Notes and Issues: | - |

| Use Case ID: | 8 | | |
| --- | --- | --- | --- |
| Use Case Name: | Search activities | | |
| Created By: | Jewel | Last Updated By: |  |
| Date Created: | 3 Feb 2022 | Date Last Updated: |  |

| Actor: | User |
| --- | --- |
| Description: | Users can look for activities of interest based on selected filters applied |
| Preconditions: | 1. Web must be connected to the internet 2. System should be connected to database |
| Postconditions: | 1. Display list of activities filtered out by user input 2. Users can choose to click into activity of interest |
| Priority: | - |
| Frequency of Use: |  |
| Flow of Events: | 1. User inputs preferences under “Filters” 2. User may click on “Reset” to set filters back to default state 3. User clicks on “Apply” 4. Display list of activities that meet filter requirement 5. User may choose to click into activity of interest 6. User will be directed to view details of activity of inteset |
| Alternative Flows: | - |
| Exceptions: | - |
| Includes: | - |
| Special Requirements: | - |
| Assumptions: |  |
| Notes and Issues: | - |

| 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: |  |
| Assumptions: |  |
| Notes and Issues: |  |