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:	
Alternative Flows:	
Exceptions:	
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

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.

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**
Alternative Flows:	
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

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.

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:	
Alternative Flows:	
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

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.

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 2.
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:	