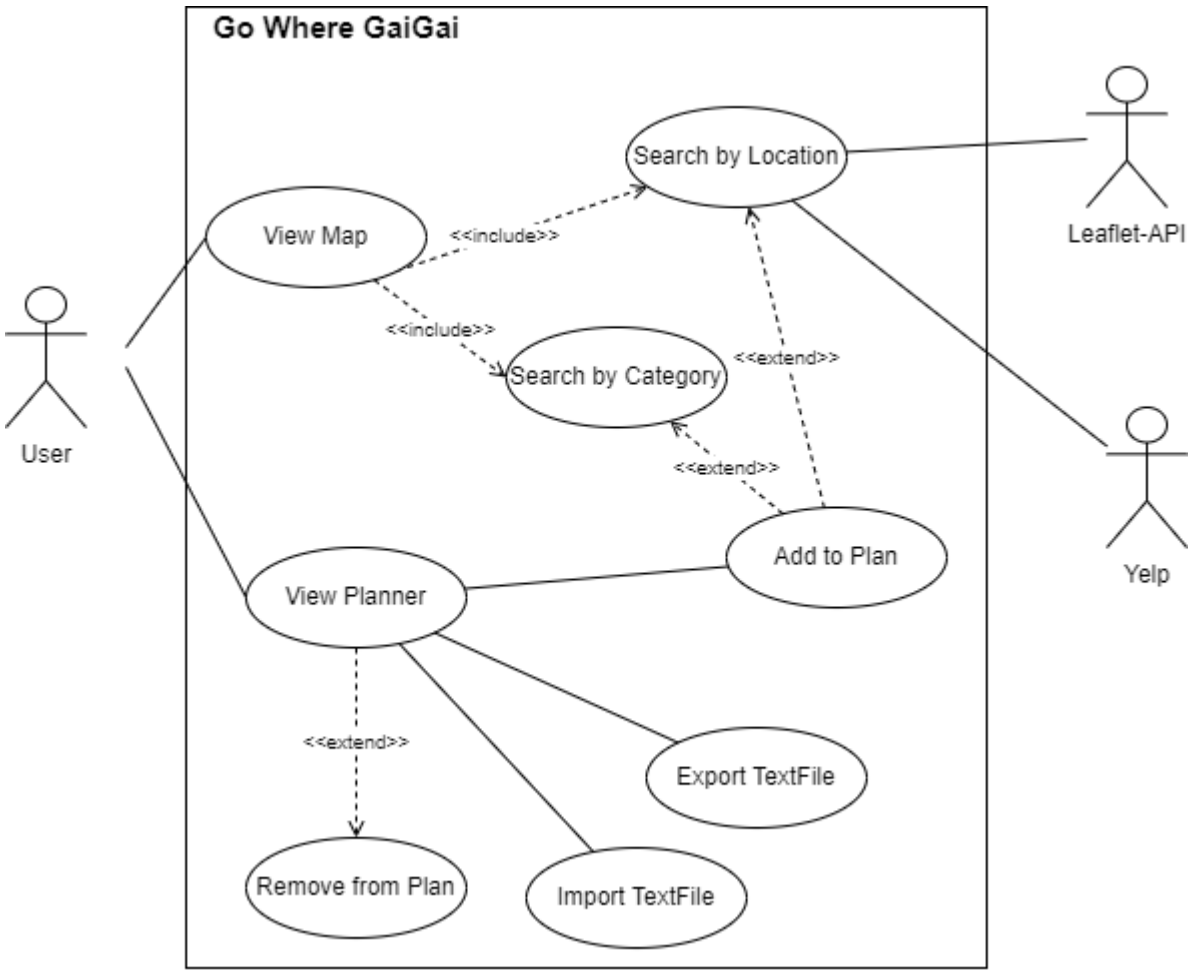
Use Case Model:



Use Case Description:

Use Case ID:	U0001		
Use Case Name:	View Map		
Created By:	Chang Tze Chuan	Last Updated By:	Chang Tze Chuan
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	The user can search and view the top 5 locations of dining, entertainment and leisure destinations.
Preconditions:	1. User must have an internet connection.
Postconditions:	1. The user is able to search for dining, entertainment, and leisure destinations. 2. The user is able to have a geographic view of dining, entertainment, and leisure destinations. 3. The user is able to toggle between the Street map. 4. The user is able to zoom in/out.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. Web application displays an empty map
Alternative Flows:	-
Exceptions:	-
Includes:	1. Search by Location 2. Search by Category
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	U0002		
Use Case Name:	Search by Location		
Created By:	Yeo Kai Liang, Jasper	Last Updated By:	Yeo Kai Liang, Jasper
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	The user can search for the top 5 locations of dining, entertainment and leisure destinations by location. This includes the following: - User's current location - Neighborhood Name - Address - Postal Code
Preconditions:	1. Users must have an internet connection. 2. Users must enable the current location on their devices for the current location to work.
Postconditions:	1. Web application will display the top 5 locations of dining, entertainment, and leisure destinations based on location.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. The user searches for the top 5 locations via the "location" search bar. 2. The user enters the location based on the postal code. 3. Web application map displays the top 5 locations around the postal code.
Alternative Flows:	AF-S2.1: User enters location based on neighbourhood name 1. The web application map displays the top 5 locations around the neighbourhood. AF-S2.2: User enters location based on current location 1. The web application map displays top 5 locations around the current location. AF-S2.3: User enters location based on address 1. Web application map displays top 5 locations around the address.
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	U0003		
Use Case Name:	Search By Category		
Created By:	Yeo Kai Liang, Jasper	Last Updated By:	Yeo Kai Liang, Jasper
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	The user can search for the top 5 locations of dining, entertainment and leisure destinations by category.
Preconditions:	1. User must have an internet connection.
Postconditions:	1. User able to search dining, entertainment, and leisure destinations.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. System will display a zoomed-out view of the Singapore map. 2. The user clicks the drop-down box and selects a category. 3. The system will display the top location of dining, entertainment, and leisure destinations.
Alternative Flows:	-
Exceptions:	-
Includes:	1. Current Location
Special Requirements:	-
Assumptions:	1. User searching for places in Singapore
Notes and Issues:	-

Use Case ID:	U0004		
Use Case Name:	View Planner		
Created By:	Isaac Soh Wei Yang	Last Updated By:	Isaac Soh Wei Yang
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	The user can view the planner for any added dining, entertainment and leisure destinations.
Preconditions:	1. User must have an internet connection.
Postconditions:	1. User is able to view any added dining, entertainment, and leisure destinations.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. User must click the hamburger icon (3 lines) to show two options, “View Map” and “Planner”. 2. User clicks “Planner” and is directed to the Planner page.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	U0005		
Use Case Name:	Add to plan		
Created By:	Yeo Kai Liang, Jasper	Last Updated By:	Yeo Kai Liang, Jasper
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	The user can add the location of choice from search and add it to the planner.
Preconditions:	1. User must have an internet connection.
Postconditions:	1. User is able to add the desired location to the planner.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. System displays a popped-out of location details. 2. User clicks add to plan button.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	1. User searching for places in Singapore
Notes and Issues:	-

Use Case ID:	U0006		
Use Case Name:	Export TextFile		
Created By:	Huang RuiMin	Last Updated By:	Huang RuiMin
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	User can export planner as a text file.
Preconditions:	1. User must have an internet connection. 2. The user's device must enable the download function. 3. User must have location added in the planner.
Postconditions:	1. User has a saved copy of the planned location as a text file.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. User clicks on the "Export Planner" button. 2. A text file will be downloaded to the user's device.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	U0007		
Use Case Name:	Import TextFile		
Created By:	Yeo Kai Liang, Jasper	Last Updated By:	Yeo Kai Liang, Jasper
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	User can export planner as a text file.
Preconditions:	1. User must have an internet connection. 2. The user must have an existing planner text file. 3. The user's device must have permission to access the device's local files.
Postconditions:	1. Planner will have the user's planned location shown.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. User clicks on the "Import Planner" button . 2. User selects planner text file. 3. The planner will display all locations from the text file.
Alternative Flows:	-
Exceptions:	E-S1: User uploads an invalid text file 1. The web application will display an error message "Invalid text file". 2. Return to step 1.
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	U0008		
Use Case Name:	Remove from Plan		
Created By:	Eugene Lim Zhi Jie	Last Updated By:	Eugene Lim Zhi Jie
Date Created:	02/09/2022	Date Last Updated:	02/09/2022

Actor:	User
Description:	User can remove existing dining, entertainment, and leisure destinations.
Preconditions:	1. User must have an internet connection. 2. Planner must have at least 1 location added in planner.
Postconditions:	1. User has successfully removed existing dining, entertainment, and leisure destinations.
Priority:	High
Frequency of Use:	1 - 3 times per day.
Flow of Events:	1. User clicks the cross icon beside the existing destination. 2. Existing planned location will be removed from planner.
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-