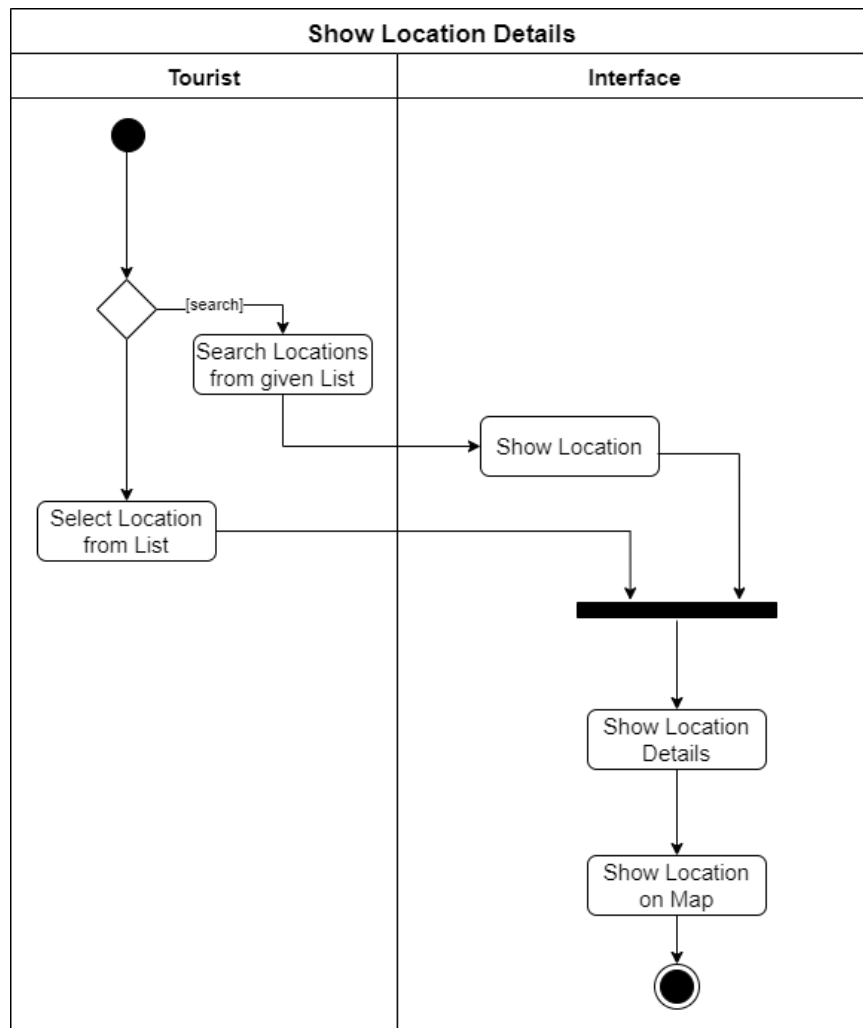


IN 2210 - Object Oriented Analysis and Design**Assignment 01****Activity Diagrams**

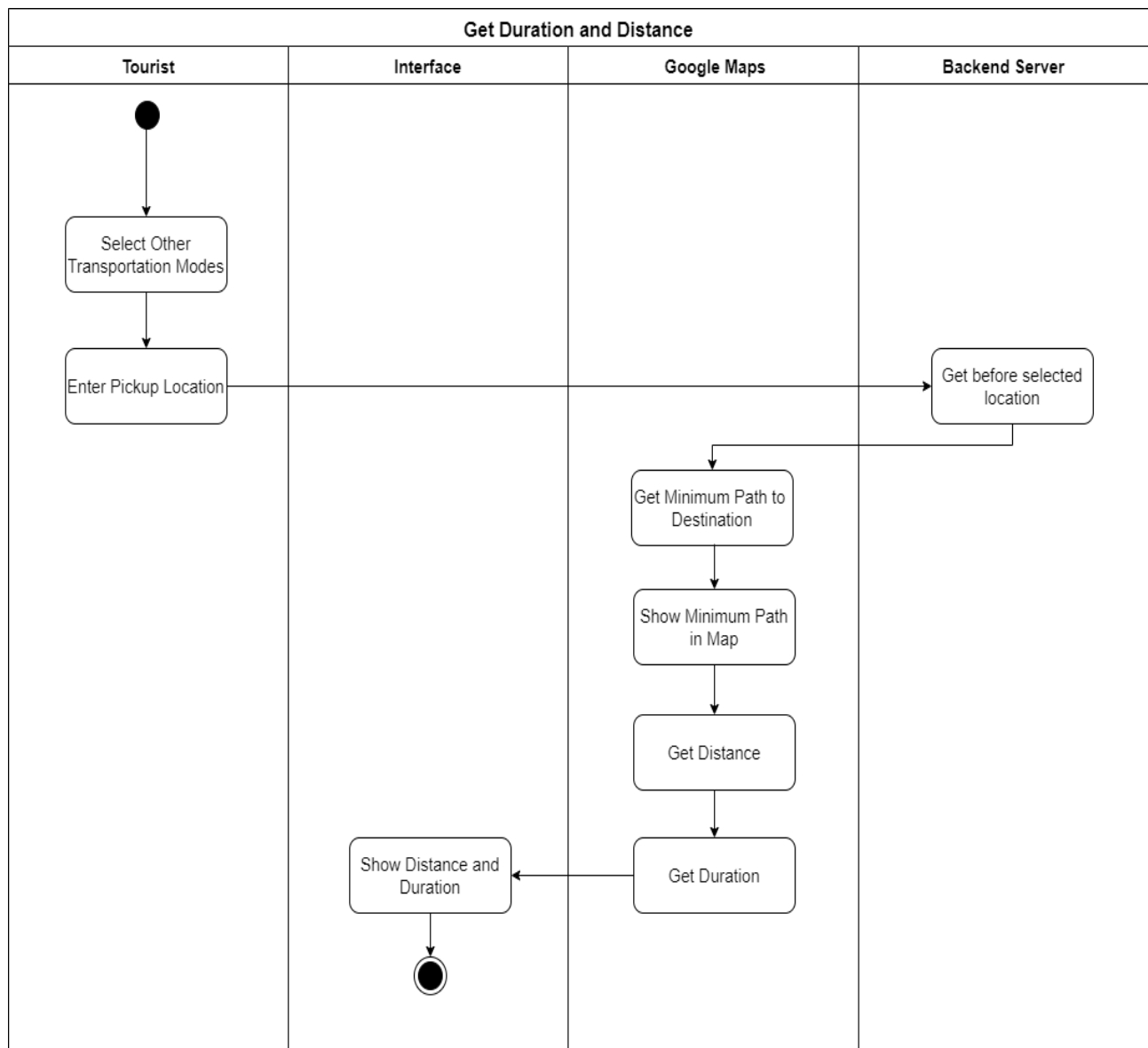
- **Activity Diagram 01 – Show Location details to Tourist**

This activity diagram describes how to show location details to tourists. When a tourist opens the app, he is shown some popular locations and can select them and get the details directly. Also, when searching in the search bar, tourist can select the location and get the details from the locations suggested in the list. Also, after showing the location details, tourist can see how the selected location is located on the map.



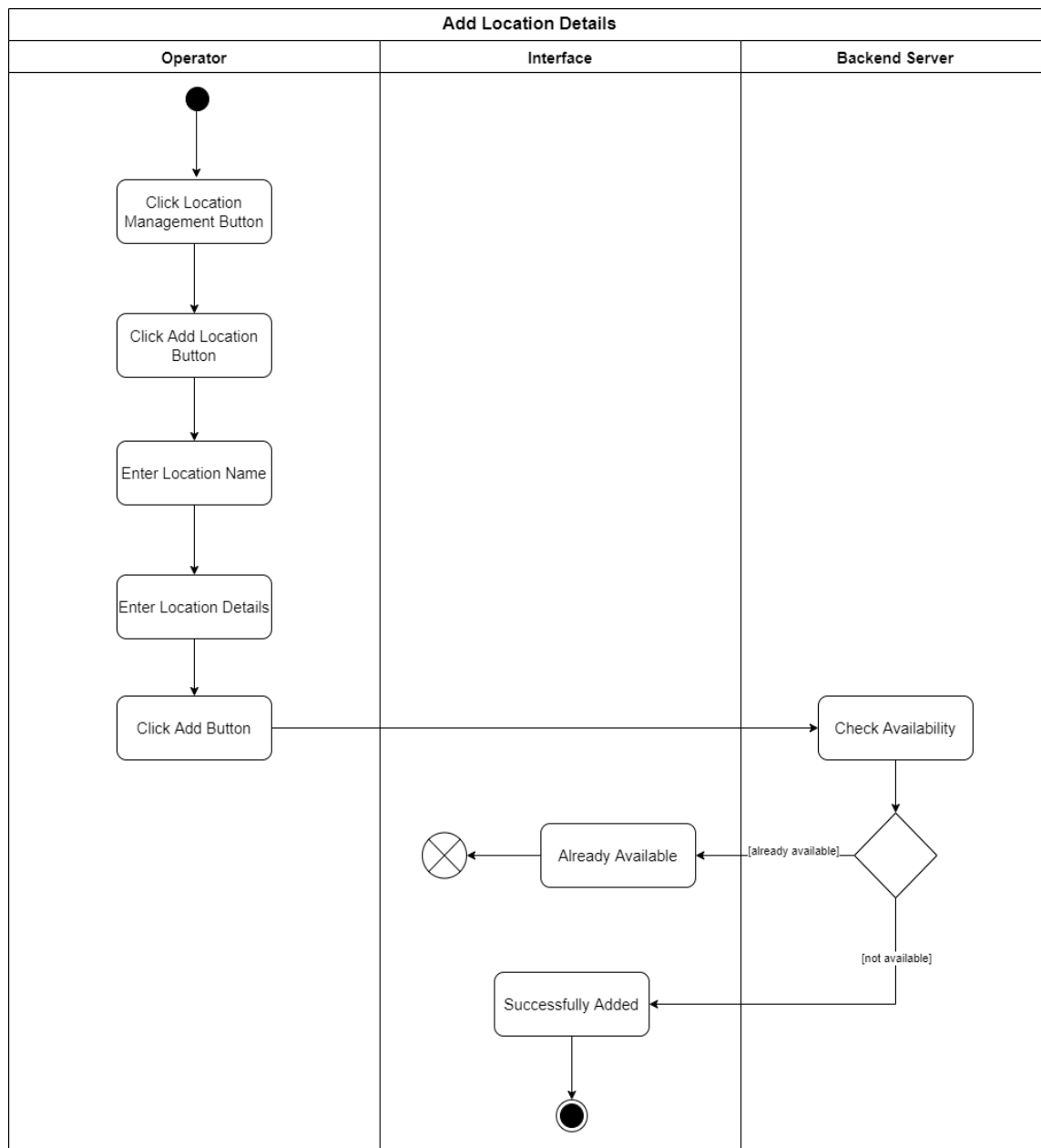
- **Activity Diagram 02 – Get Distance and Duration from Google Maps**

This activity diagram describes how the calculated distance, and the calculated approximate time is shown to the tourist when he enters the pickup location. First, he has to go to Other Transport mode. There he can enter his current location. When he enters the location, he gets connected through the Google Maps API. Then the distance and the time taken from the current location to the destination location is shown.



- **Activity Diagram 03 – Operator Add locations to the List**

This activity diagram shows how the operator can add a new location to the existing locations list. First operator should click the Location Management button, then the add location button, after entering the name of the location and the rest of the details. System checks whether there are any similar locations and if exists system notify that the location is already available, if not it notifies as successfully added.



- **Activity Diagram 04 – Operator Manage Locations**

This activity diagram shows how the location details are managed including editing and deleting. When the operator clicks the manage locations button, the list of all locations are displayed. After selecting a location, he gets two options edit and delete, if he wants to update location details, he can select edit option and click save changes button after editing details. Then a successful message will be displayed. If he wants to delete the location, he can select the delete option and after clicking the confirm deletion button, the record is deleted if not the record deletion gets cancelled.

