**USE CASE 18:** Reverse Geo-coding

**Related Requirements**: REQ 18, REQ 6

**Initiating Actor:** Socialites

**Actor's Goal:**  Obtain location co-ordinates and direction from a location name

**Participating Actor:** Mobile device

**Precondition:** Users have logged in and have confirmed attendance to an event

**Post condition:** User will obtain location co-ordinates and direction from a location name

**Flow of Events for Main Success Scenario:**

1. Socialites are required to navigate to the search tab to search the event they will be attending.
2. Users are then required to input the location name in the search tab.
3. This will launch the Google Maps application where the input string corresponding to the event location name will be converted to the co-ordinates of the location.
4. Socialites will then be able to receive direction to the location.