Use Case Name: Search for location

Actor(s): User

Use Case Precondition:

* User must have an existing account
* User must be logged in and viewing the home page

Use Case Post Condition(s):

* User finds a location and gets directions on how to get to it

Applicable Business Rules:

* User must have an account and be signed in

Main Flow:

|  |  |  |
| --- | --- | --- |
|  | Actor | System |
| 1 | Presses “Locate Me” | Asks to attain GPS location from users computer and upon approval gets the coordinates. Displays results of study locations |
| 2 | Uses default proximity | Uses the default proximity range |
| 3 | Presses “Search” | Displays location based on the range set around user’s location. |
| 4 | Select a location | Shows location information |
| 5 | Request for directions | Displays direction details |

Alternate Flows:

|  |  |  |
| --- | --- | --- |
|  | Actor | System |
| A1 | GPS cannot find user’s location | System asks to input custom location (e.g. postal code or address) |
| A2 | Uses custom proximity | Sets the proximity range from default to custom or preset ones. System responds as in line 3, proceeds to line 4 and then goes forward. |
| A3 | User selects a different location | System updates directions display |
| A4 | No locations nearby are found | System displays that no locations were found and requests to increase proximity range. |

Test Case Summary:

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| --- | --- |
| Scenario Name | Scenario Description |
| Main: Successfully finds location | The system is able to find the location of the user and give results according to the inputs. |
| Alt 1: GPS cannot find user’s location | The system is not able to get the location data and a custom input is requested from the user. The rest of the procedure is the same as the main flow. |
| Alt 2: Custom proximity | The user sets a custom proximity and the system updates the results accordingly from the default settings. |
| Alt 3: Change location | The user selects another location rather than the closest location initially chosen by the system. |
| Alt 4: No location found | The system is unable to find a location based on the user’s current proximity, so the user enters a different proximity value until it yields a search |

Test Case Details:

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Scenario | Data Values/Conditions being tested | Expected Result |
| Testing the search function with default settings | Main: Successfully finds location | GPS/Google Maps Coordinates | Location is found based on user’s proximity, and directions are ready to be viewed and followed |
| Testing GPS locator functionality | Alt: GPS cannot find user’s location | GPS/Google Maps Coordinates | Message saying “Cannot locate user” is displayed, custom input is requested |
| Testing Custom proximity to see if the proximity change has been changed | Alt: Custom proximity | Custom data inputted by the user | Showing results based on set proximity |
| Testing if the locations is displays nothing when in an area with no close by locations | Alt: No location found | GPS/Google Maps Coordinates, custom data inputted by the user | Error message “No locations found” is displayed, allows change of proximity |

Use Case Name: Create a comment

Actor(s): User

Use Case Precondition:

* User must have an existing account
* User must be logged in and viewing the “search result page”

Use Case Post Condition(s):

* Comment is saved and displayed

Applicable Business Rules:

* User must have an account and be signed in

Main Flow:

|  |  |  |
| --- | --- | --- |
|  | Actor | System |
| 1 | Presses ‘Comment’ | Displays all comments for that location |
| 2 | Enters comments in the comment box and send | Displays user’s comment under the location |

Alternate Flows:

|  |  |  |
| --- | --- | --- |
|  | Actor(s) | System |
| 1 | Edit comment | Updates and saves comment. System responds as in line 2 |
| 2 | Delete comment | Removes comment from view. System responds as in line 1 |
| 3 | Reply to comment | Displays user’s comment under another comment |

Test Case Summary:

|  |  |
| --- | --- |
| Scenario Name | Scenario Description |
| Main: Successfully creates comment | User successfully adds a new comment for a location and comment shows up in the thread |
| Alt 1: Edit comment | User modifies a past comment and saves. Time stamp shows updated time and edit mark to specify that the comment was edited. |
| Alt 2: Delete comment | Removes comment posted by the user. |
| Alt 3: Reply to comment | User replies to other user’s or their own comment, which gets displayed underneath |

Test Case Details:

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Scenario | Data Values/Conditions being tested | Expected Result |
| Test creating a comment | Main: Successfully creates comment | Contents of the comment are created | User’s comment is saved and displayed in the thread |
| Test edit comment | Alt: Edit comment | Contents of the comment are modified | A specific comment gets updated, saved and displayed with changes made |
| Test deleting a comment | Alt: Delete comment | Comment is deleted | User’s comment gets removed from the thread and is no longer available to be viewed |
| Test Replying to a comment | Alt: Reply to comment | A new child comment is created below the comment being replied to | User’s reply gets displayed underneath another user’s or their own comment |

Use Case Name: Rate a location

Actor(s): User

Use Case Precondition:

* User must have an existing account
* User must be logged in and viewing the “location description page”

Use Case Post Condition(s):

* Rating is displayed

Applicable Business Rules:

* User must have an account and be signed in

Main Flow:

|  |  |  |
| --- | --- | --- |
|  | Actor | System |
| 1 | Presses “Rating” | Displays all the ratings on the location |
| 2 | Enters rating and submit | Displays user’s rating on the location |

Alternate Flows:

|  |  |  |
| --- | --- | --- |
|  | Actor(s) | System |
| 1 | Re-Rate the location | New rating is saved. System responds as in line 2 |

Test Case Summary:

|  |  |
| --- | --- |
| Scenario Name | Scenario Description |
| Main: Successfully gave a location a rating | Successfully gives a rating to a location |
| Alt 1: Edit rating | Successfully changes the rating and gets displayed on the location |
| Alt 2: No location exists | Rating does not get saved |

Test Case Details:

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Scenario | Data Values/Conditions being tested | Expected Result |
| Testing to rate a location | Main: Successfully give rating | Number of stars is set | User’s rating gets saved for the location |
| Testing to re-rate a location | Alt: Re-rate the location | Number of stars either increases or decreases | User’s rating gets updated and saved on the location |

Use Case Name: Recommend a location

Actor(s): User

Use Case Precondition:

* User must have an existing account
* User must be logged in and viewing the “My account page”

Use Case Post Condition(s):

* Recommendation is made on a location

Applicable Business Rules:

* User must have an account and be signed in

Main Flow:

|  |  |  |
| --- | --- | --- |
|  | Actor | System |
| 1 | Press “create recommendation” | Displays “create recommendation page” |
| 2 | Fill in the form and submit | Displays “Successfully sent recommendation” |

Alternate Flows:

|  |  |  |
| --- | --- | --- |
|  | Actor(s) | System |
| 1 | Edit recommendation | Displays “Successfully updated” |

Test Case Summary:

|  |  |
| --- | --- |
| Scenario Name | Scenario Description |
| Main: Successfully creates recommendation | User successfully request to add a new location |
| Alt 1: Edit recommendation | User successfully edit recommendation details |

Test Case Details:

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Scenario | Data Values/Conditions being tested | Expected Result |
| Test making a recommendation | Main: Create recommendation | Location information gets edited | Successfully requested to add new location |
| Test Editing a recommendation | Alt: Edit recommendation | Location information gets edited | Updated recommendation location information |

Use Case Name: Account Management

Actor(s): User

Use Case Precondition:

* User must have an existing account
* User must be logged in
* User must have administrator status

Use Case Post Condition(s):

* Accounts can either be unflagged, suspended or deleted, depending on how the administrator handles the situation

Applicable Business Rules:

* User must have an account and be signed in.

Main Flow:

|  |  |  |
| --- | --- | --- |
|  | Actor | System |
| 1 | Selects “View Flagged Accounts” | Displays accounts that are flagged by other users |
| 2 | Selects “Unflag” | Account is unflagged |

Alternate Flows:

|  |  |  |
| --- | --- | --- |
|  | Actor(s) | System |
| 1 | Selects “Suspend” | Account gets suspended and duration of suspension is determined by the admin |
| 2 | Selects “Delete” | Account is deleted and no longer available to view |

Test Case Summary:

|  |  |
| --- | --- |
| Scenario Name | Scenario Description |
| Main: Unflags account | Account gets unflagged |
| Alt 1: Suspends Account | Account gets suspended and cannot be accessed by the user. |
| Alt 2: Deletes Account | Account gets deleted |

Test Case Details:

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Scenario | Data Values/Conditions being tested | Expected Result |
| Test unflagging an account | Main: Unflags Account | Account status gets changed from “flagged” to “unflagged” | Account gets unflagged and available to view |
| Test suspending an account | Alt: Suspends Account | Account status gets changed from “flagged” to “suspended” | Admin determines how long account is to be suspended |
| Test deleting an account | Alt:Deletes Account | Account status gets changed from “flagged” to “deleted” | Account and anything associated with it (comments, recommendations) get deleted. Error message will show if deleted account is attempted to be viewed |