

Homework #9 - Mobile App Exercise

Total points: 10 points

1) Search Form (1.25 points)

- a. Showing labels indicating application functionality, text input fields, search button, clear button, etc. - 0.25 point
- b. If user leaves required field(s) empty and performs a search, a valid message is displayed - 0.25 point
- c. On clicking the clear button, all fields should will be cleared or reset to their default values - 0.25 point
- d. On typing in characters in from location text field, valid location suggestions are displayed - 0.25 point
- e. On selecting an item from the autocomplete suggestions, the item appears in text field - 0.25 point

2) Favorite Table (0.75 point)

- a. A list of favorite places is displayed, each entry contains the correct name, address and icon - 0.25 point
- b. Can delete an entry from the favorites table as shown in the video - 0.25 point
- c. When clicking an entry in the list, the responding details page is loaded - 0.25 point

3) Search results (1.5 points)

- a. All results should be displayed with correct name, address and icon – 0.25 point
- b. When clicking an entry in the list, the corresponding details page is loaded – 0.25 point
- c. Navigate back to main page by back button - 0.25 point
- d. Favorite button reflects the correct state, and can be clicked to toggle favorite state – 0.25 point
- e. Correctly show pagination options with controls disabled when not applicable - 0.25 point
- f. Can switch between the pages of results using the pagination controls – 0.25 point

4) Details page (1 point)

- a. All four tabs should be shown – 0.25 point
- b. Favorite button reflects the correct state, and can be clicked to toggle favorite state – 0.25 point

- c. Pressing the share button should open a tweet page with the correct text filled in – 0.25 point
- d. Navigate back to search results/favorites list as applicable by back button – 0.25 point

5) Info tab (1 point)

- a. All information should be shown correctly – 0.5 point
- b. Tapping the phone number should open the dialer and tapping the links should open the corresponding links on the browser – 0.5 point

6) Photos tab (1 point)

- a. A list of photos should be displayed – 1 point

7) Navigation tab (1.5 points)

- a. Upon opening this tab, the place who's details we are looking at should be shown with a marker – 0.5 point
- b. Autocomplete suggestions should appear for text typed in the from field – 0.25 point
- c. The correct directions should be shown on the map – 0.5 point
- d. Changing the travel mode should update the directions on the map – 0.25 point

8) Reviews tab (1 point)

- a. Reviews should be fetched from both Google and Yelp and be shown correctly with name, picture, rating, date and review text – 0.25 point
- b. User should be able to switch between Google and Yelp reviews using the controls – 0.25 point
- c. User should be able to sort the reviews using the controls – 0.25 point
- d. Tapping a review should open the corresponding page in the browser – 0.25 point

9) Other general requirements (1 point)

- a. Show a loading progress dialog(Android)/overlay(iOS) while loading data and hide the it after that – 0.5 point
- b. Display a proper error message whenever an error occurs – 0.25 point
- c. Whenever a no data is available, an appropriate message should be shown at the middle of the screen – 0.25 point