

Homework #9 - Mobile App Exercise

Total points: 10 points

1) App Icon and welcome Screen (0.75 points)

- a. App Icon 0.25 points
- b. Welcome screen 0.5 points

2) Search Form (1.25 point)

- a. Showing labels indicating application functionality, text input fields, search button, clear button – 0.25 points
- b. correctly hiding/displaying distance options. - 0.25 points
- c. If user leaves required field(s) empty and performs a search, a valid message is displayed - 0.25 points
- d. On clicking the clear button, all fields should will be cleared or reset to their default values - 0.25 points
- e. On typing in characters in from zipcode text field, valid zipcode suggestions are displayed and correct item can be selected- 0.25 points

3) Wishlist (1 point)

- a. A list of wishlist products is displayed, each entry contains the correct name, price, zipcode, shipping, condition, image - 0.25 points
- b. Can delete an entry from the wishlist table as shown in the video - 0.25 points
- c. When clicking an entry in the list, the responding details page is loaded - 0.25 points
- d. Adding and removing items dynamically updates the total values at the bottom – 0.25 points

4) Search results (1 point)

- a. All results should be displayed with correct name, price, zipcode, shipping, condition, image and each card should be of same size - 0.25 points
- b. When clicking an entry in the list, the corresponding details page is loaded - 0.25 points
- c. Navigate back to main page by back button - 0.25 points
- d. Cart button reflects the correct state, and can be clicked to toggle wishlist state - 0.25 points

5) Details page (1 point)

- a. All four tabs should be shown with correct name and icons- 0.25 points
- b. Wishlist button reflects the correct state, and can be clicked to toggle wishlist state - 0.25 points
- c. Pressing the Facebook button should open a Facebook page with the correct text filled in and hashtag populated - 0.25 points
- d. Navigate back to search results/wishlist as applicable by back button without page refresh - 0.25 points

6) Product Info tab (1 point)

- a. Sliding images/gallery view: 0.5 points
- b. "Highlight" and "specifications" sections displayed with given rules: 0.5 points

7) Google tab (0.75 point)

- a. Lists of 8 photos should be displayed – 0.75 points

8) Shipping Tab (1 points)

- a. Each section (Seller, Shipping, Returns) – 0.25 * 3 points
- b. Clicking on store URL correctly takes to Ebay site – 0.25 points

9) Similar products tab (1.5 points)

- a. Similar products shown correctly with image, name, shipping, price, days - 0.25 points
- b. Similar products should be scrollable -0.25 points
- c. Ascending/Descending option should be disabled when user select "Default" - 0.25 points
- d. User should be able to sort the products using various parameters (Name, Price, Shipping) and order (ascending/descending) - 0.5 points
- e. Tapping a product should open the corresponding page in the browser - 0.25 points

10) Other general requirements (0.75 points)

- a. Show a loading Progress Bar (Android) while loading data and hide the it after that - 0.5 points
- b. Display a proper error message whenever an error occurs; Whenever no data is available, an appropriate message should be shown at the middle of the screen - 0.25 points