

Homework #9 - Android Mobile App Exercise

Total points: 15 points

1) App Icon and welcome Screen (0.5 points)

- a) App Icon - 0.25 points
- b) Splash screen - 0.25 points

2) Home Screen (3 points)

- a) Layout and UI should closely match video/ spec -0.5
- b) Category picker not populated with correct values -0.25
- c) Favorites initially empty -0.25
- d) Auto-Detect Location checkbox switch -0.25
- e) Turning ON Auto-Detect hides "Location" field -0.5
- f) On clicking Submit, if the keyword, distance or location is missing show error fields respectively-0.5
- g) Clear Button -0.5
- h) Location field functionality (geocode API returning correct values) -0.25

3) Search and Autocomplete (1.5 points)

- a) Entering keyword and autocomplete showing proper results -0.5
- b) Popover styling – 0.75
- c) Clicking on the autocomplete result correctly displays the selected option in the "Keyword" field -0.25

4) Results Section (2 points)

- a) Displaying correct information pertinent to search criteria -0.5
- b) Correct UI layout -0.75
- c) Event Image, Event Name, Venue, Date/Time, Category, Favorites icon-0.25
- d) Clicking on result shows Event Detail Screen – 0.5

5) Events Details Screen(3 points)

- a) UI should be close to the video/ screenshot in spec -0.5
- b) Venue, Genre mentioned correctly -0.25
- c) Phone, Price Range mentioned correctly -0.25
- d) Ticket Status – "Open"(in green) or "Close"(in red) - 0.5
- e) Facebook and Twitter share button -0.25
- f) Seat Map image -0.5
- g) Event Detail, Artists, Venue - correct Tab label -0.25
- h) Back button preserves state 0.25
- i) Ticketmaster event link opens in a browser -0.25

6) Artists Tab (2 points)

- a) Red progress ring around the Popularity number – 0.25
- b) Spotify Link that redirects to the Artist's profile on Spotify - 0.25
- c) Scrollable tab in case of multiple artists – 0.5
- d) "No music related artist details to show" message for non-music category of events – 0.5
- e) Images of top 2 album covers – 0.5

7) Venue (1.25 points)

- a) All necessary attributes related to event's venue as shown in the snapshot in homework description or the reference video – 0.5
- b) Correct City, State format-0.25
- c) Scrollable tab – 0.5

8) Map (0.25 points)

- a) Pin should be dropped at the correct address -0.25

9) Favorites (0.5 points)

- a) Correct name, time, venue, category and icon - 0.25
- b) Can delete an entry from the favorites table as shown in the video - 0.25

10) Other General Requirements (1 points)

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