Homework #9 - Android Mobile App Exercise

Total points: 15 points

1. App Icon and welcome Screen (1 points)

a. App Icon - 0.25 points

b. No actionbar – 0.25 points

c. Splash screen - 0.5 points

2. Home Screen (2 points)

a. Spinner on initial load - 0.25 points

b. Displaying current date - 0.25 points

c. Showing "Favorites" sections - 0.25 points

d. Displaying favorites rows correctly with desired layout - 0.75 points

e. "Powered by Artsy" text, and direct to www.artsy.net - 0.25 points

f. Correct UI Styling - 0.25 points

3. Search (1 points)

a. A search icon that will open search bar and transform navigation bar style on click. The search bar will hide when the user clicks back button – 0.5 points

b. Enter populates search bar - 0.5 points

4. Search Result Screen (3.25 points)

a. Spinner on initial load - 0.25 points

b. Displaying current date - 0.25 points

c. Spinner/Progress bar on initial load – 0.25 points

d. Artist name and artist image in cardview– 0.5 points

e. Vertically scrollable search result screen – 0.5 points

f. Clickable artist image, redirect to detailed artist information screen – 0.25 points

g. Input text should persist on actionbar – 0.25 points

h. Correct UI styling – 0.75 points

i. "No Result Found" when no results found – 0.25 points

5. Detailed Artist Information Screen (6 points)

    a. Spinner/Progress bar on initial load - 0.25 points

    b. Artist name persist in actionbar – 0.25 points

    c. Favorite button displayed in correct state - 0.5 points

    d. Tab heading with their icons – 0.5 points

    e. Details Tab

        i. Artist name, nationality, birthday, deathday and biography should have - 0.5 points

        ii. Missing information handled – 0.5 points

        iii. Correct styling UI – 0.5 points

    f. Artwork Tab

        i. Display all artworks in vertically scrollable - 0.5 points

        ii. Artwork name and image in cardview – 0.25 points

        iii. Clickable artwork image should open category dialog – 0.5 points

        iv. Category dialog box contains 1st category of the artwork with its name, thumbnail, description – 0.5 points

        v. Correct styling UI – 0.5 points

    g. "No Artwork" and "No Category" whenever no results are available – 0.25 points

    h. Toast message when toggling favorites - 0.5 points

6. Favorite functionality (1.5 points)

    a. Artist should show/hide on the home screen when added to / removed from Favorite in detailed artist information screen - 1 points

    b. Data should persist after quitting the app and relaunching. The favorite should be displayed - 0.5 points

7. NodeJS endpoint (0.25 points)

    a. A link on GitHub page to link to your NodeJS backend used for this homework- 0.25 points