

Assignment #4 - Android Mobile App

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 (1.5 points)

- a. Showing user icon when log out / avatar when log in - 0.25 points
- b. Displaying current date - 0.125 points
- c. Showing “Favorites/Log in to see favorites” sections - 0.125 points
- d. Displaying favorites rows correctly with desired layout or “No favorites” when log in - 0.75 points
- e. “Powered by Artsy” text, and direct to www.artsy.net - 0.25 points

3. Search (0.5 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 close (‘x’) button - 0.25 points
- b. Enter populates search bar - 0.25 points

4. Search Result Screen (3 points)

- a. Begin searching after three characters have been entered, and automatically initiate a new search each time an additional character is typed. - 0.5 points
- b. Artist name and artist image in card view. Use ‘artsy image’ to replace missing image. - 0.5 points
- c. Vertically scrollable search result screen. - 0.5 points
- d. Clickable artist image, redirect to detailed artist information screen - 0.25 points
- e. Star icon to add to/remove from favorites on top right when log in – 0.25 points
- f. Input text should persist on action bar – 0.25 points
- g. Correct UI styling - 0.5 points
- h. “No Result Found” when no results found – 0.25 points

5. Detailed Artist Information Screen (6 points)

- a. Spinner/Progress bar on initial load for each tab separately - 0.25 points
- b. Artist name persists in action bar - 0.125 points
- c. Favorite button (star icon) displayed on top right - 0.25 points
- d. Tab heading with their icons - 0.375 points
- e. Details Tab
 - i. Artist name, nationality, birthday, deathday and biography should have - 1 points
 - ii. Vertically scrollable for biography - 0.25 points
 - iii. Correct styling UI - 0.25 points
- f. Artwork Tab
 - i. Display all artworks in vertically scrollable format - 0.25 points
 - ii. Artwork name and image in card view - 0.25 points
 - iii. 'View categories' button should open category dialog - 0.125 points
 - iv. Category dialog card displays in carousel loop - 0.25 points
 - v. Each dialog card contains category of the artwork with its name, image and description - 0.375 points
 - vi. Correct LaTeX parsing format for category - 0.25 points
 - vii. Correct styling UI - 0.25 points
- g. Similar Tab (when log in)
 - i. Display all similar artists in vertically scrollable format -0.25 points
 - ii. Artist name, image and favorite button in card view -0.375 points
 - iii. Clickable artist image, redirect to detailed artist information screen - 0.25 points
- h. "No Artwork" and "No Category" whenever no results are available -0.25 points
- i. Toast message and icon style changing when toggling favorites - 0.5 points
- j. "Back" button direct to previous page -0.125 points

6. Login functionality (3 points)

- a. When clicking "Log in to see favorites" or user icon top right can both direct to log in page -0.25 points
- b. Login page has correct error handling -0.375 points
- c. Redirect to home page after logging in -0.125 points
- d. Click "Register" to direct to register page -0.125 points

- e. Register page has correct error handling -0.5 points
- f. Click "Login" to direct to login page -0.125 points
- g. Redirect to home page with login status after registration-0.125 points
- h. Successfully log out/delete account using user dropdown list button -0.25 points
- i. Toast message show correctly when user log in/register/log out -0.375
- j. Artist should show/hide on the home screen when added to / removed from Favorite in detailed artist information screen -0.25 points
- k. Login data should persist after quitting the app and relaunching. -0.5 points

7. Theme switch (0.5 points)

- a. UI color theme switch successfully when switch between light mode and dark mode -0.5 points