

Artdict Application Introduction

TARGETED USER AND PURPOSE:

This app is a reference source for illustrators/art lovers or anyone who like to draw/paint, and want to refer to masterpieces in art museum collections.

FUNCTIONS:

This app consist of three major activities: MainActivity, DetailActivity, and FavActivity

1. MainActivity allows the user to search by subjects and will populate the same page with relevant results in the format of images in a recyclerview. After click one image, the app will start DetailActivity to show the detail information of the selected work
2. DetailActivity will display a larger image and relevant detail information of the selected art, and by clicking the heart button, user can save it into the local Room database and access it later. By clicking the image, user will see the zoomable full size image in the browser.
3. FavActivity is accessible from the option menu and will display all saved artwork in recyclerview. The user can remove all saved work by choose that option in the option menu

SOURCE:

Currently Artdict is using open API provided by Rijksmuseum and will add open source provided by Metropolitan Museum of Art and Art Institute of Chicago in the next version.

NEXT STEPS:

1. Design an icon for the app
2. Save the search result in the MainActivity and allow users to access the result after viewing the detail information of the selected result and clicking the back button (currently the user can do so by clicking the physical button of the device but not the back button on the navigation bar);
3. In FavActivity, use context menu to delete individual saved artwork ;
4. Show the zoomable full size image using full screen activity or fragment, rather than using the browser;
5. Add more APIs for more diverse results;
6. Attempt Bottom Navigation Activity and one fragment will be search/result, one fragment will be all saved artwork;
7. In DetailActivity, suggest relevant work (similar subjects or artist)