

CS5551 Advanced Software Engineering

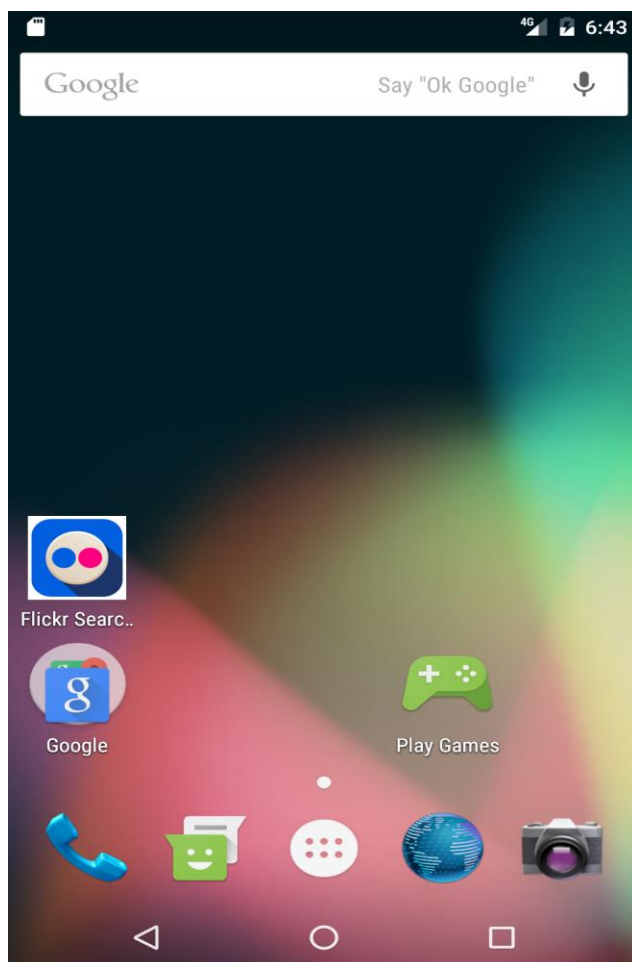
Lab Assignment #4

Android App that uses Flickr image search API and has login page which redirects to web service page.

Technology used: Java, XML, Android Studio IDE,

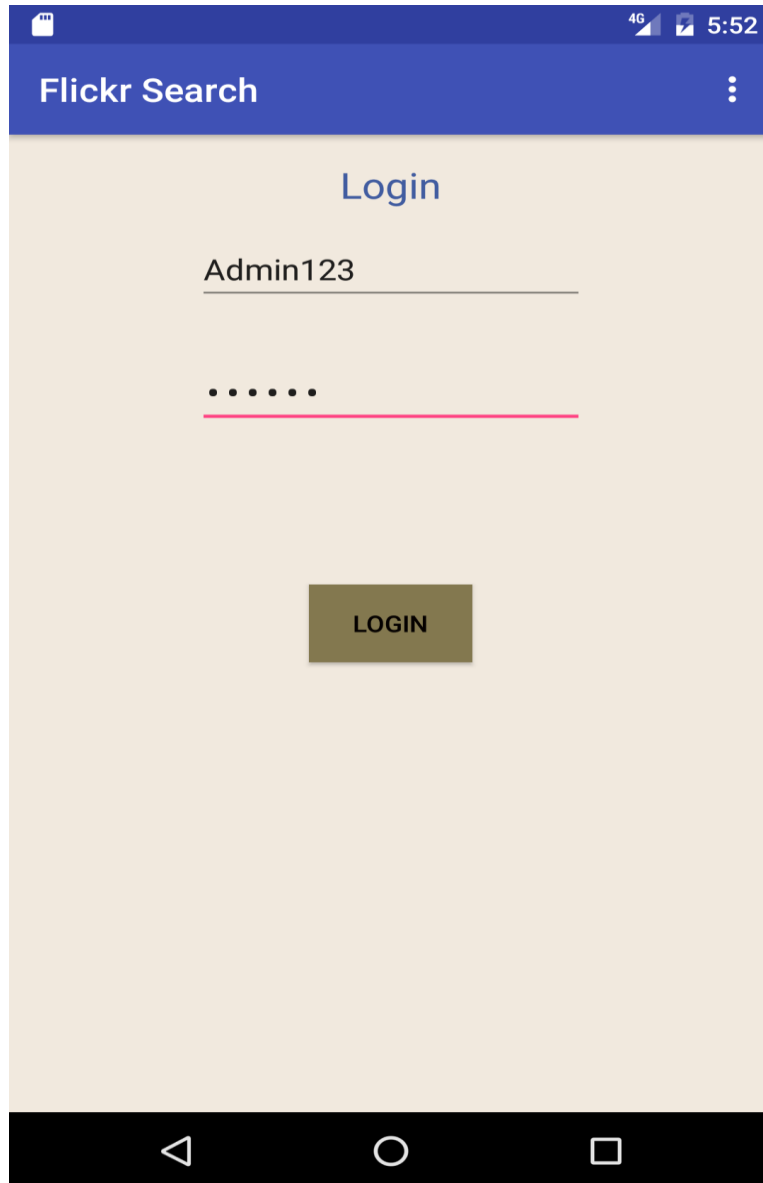
Screenshots:

1. Home screen of virtual mobile screen

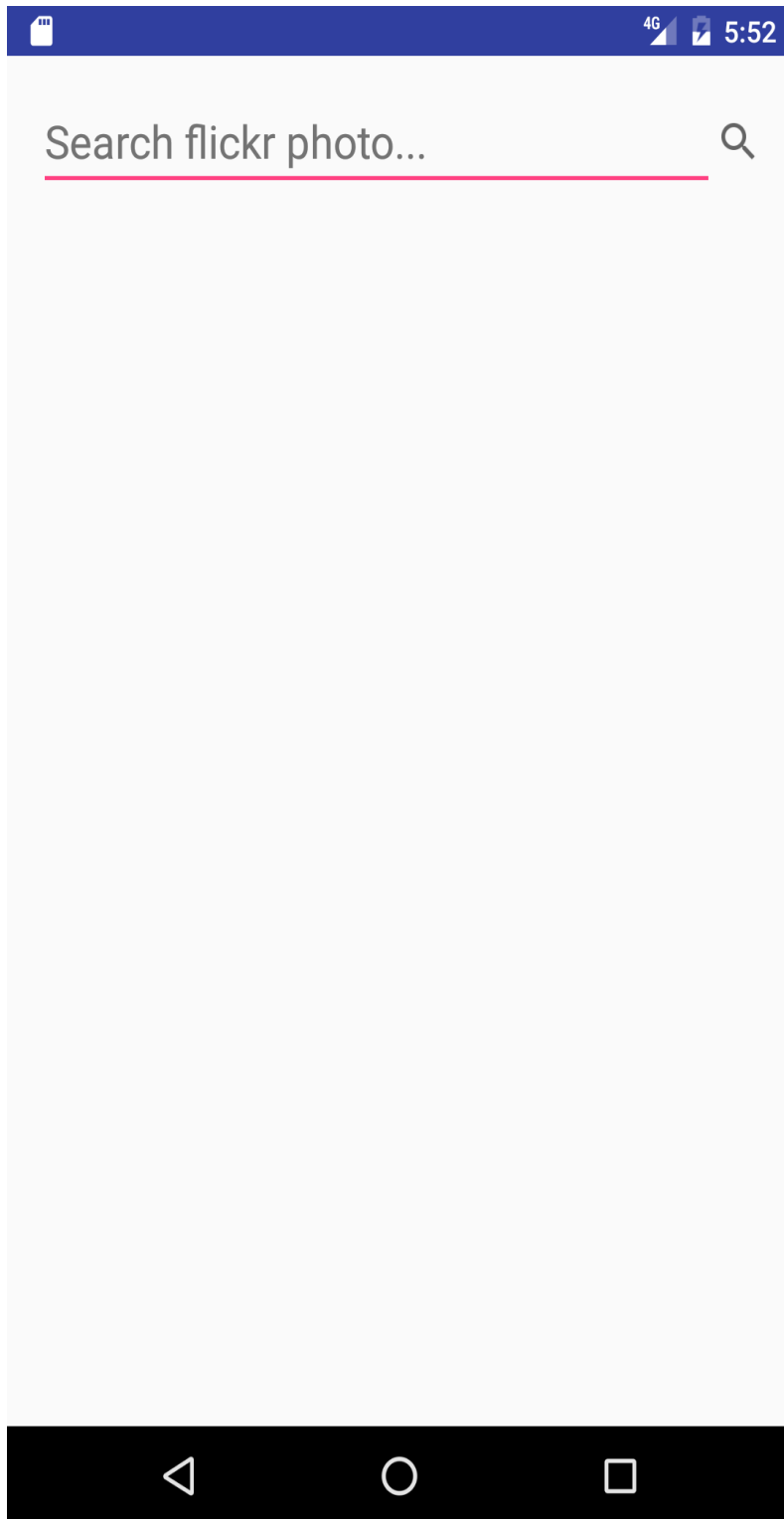


Here Flickr search is the app to be implemented, once we open the app we get below screen

Input credentials username: Admin123, password :Lab004



Once we login into the app, it redirects to image search page

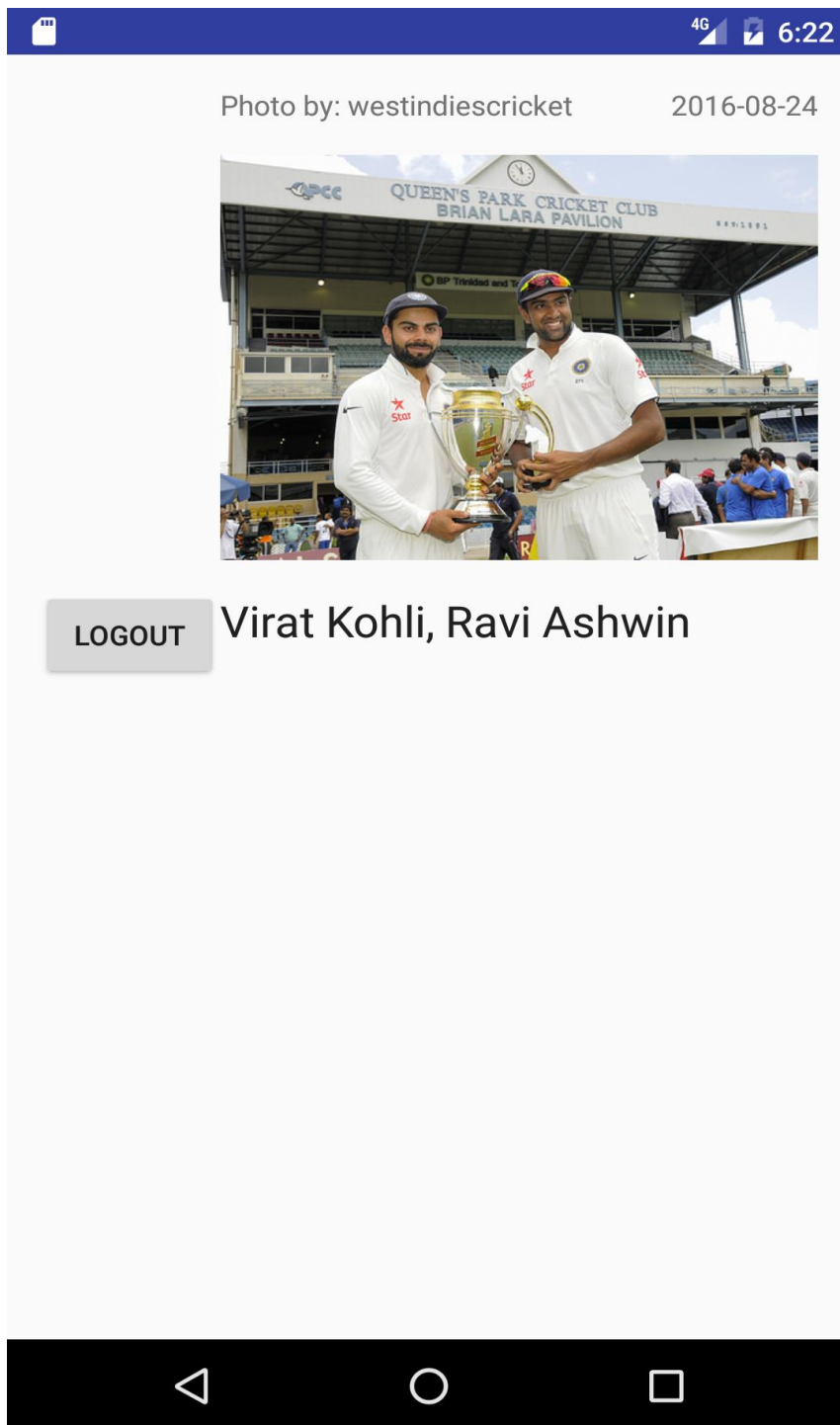


In the search bar we give input for image search, for example here I search for images of famous Indian cricketer Virat Kohli.

Search results are shown retrieved as show below



Once we click on any image it redirects to image description page as shown below



Login Validation

If login credentials are incorrect it gives a prompt to enter correct credentials

The screenshot shows a mobile application interface for 'Flickr Search'. At the top, there is a blue header bar with the app name and a menu icon. Below this, the main content area has a light beige background. The title 'Login' is centered at the top of this section. There are two input fields: the first is for the username, containing 'Admin123', and the second is for the password, represented by a series of dots. A red vertical line is visible in the password field, possibly indicating an error or a cursor. Below the input fields is a brown button labeled 'LOGIN'. At the bottom of the login section, there is a red text prompt: 'I know you remember it! Give a try again'. The entire app is displayed within a black border representing the phone's frame, with a status bar at the top showing '4G' and the time '5:53'.

References:

- <http://www.flickr.com/services/api/flickr.photos.search.html>
- <http://stackoverflow.com>
- <https://developer.android.com/>
- Class Tutorial