

Lab Assignment III

Report

Application Name: Google Maps Application with Custom Marker.

Application Function: It has a signup form with Two options: Gallery and Camera. If camera is selected, an image can be clicked and can be used as a marker to locate your current position in the Google Maps. If gallery is selected, an image can be selected from the preexisting gallery of the phone and can be used as a marker to locate your current position in the Google Maps.

Tools Used:

Android Studio 1.5.1

API's Used:

Google Maps API

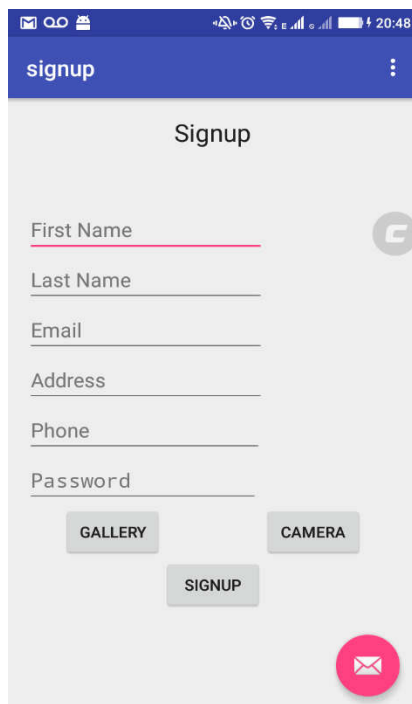
Number of XML Pages: 2

A Main Activity Page

A Maps Activity Page

Working:

1. First when the app is started a Login page is Displayed as below.



The screenshot shows a mobile application interface for a 'Signup' page. At the top, there is a blue header bar with the word 'signup' in white text and a three-dot menu icon on the right. Below the header, the title 'Signup' is centered. The form consists of several text input fields: 'First Name', 'Last Name', 'Email', 'Address', 'Phone', and 'Password'. To the right of the 'First Name' field, there is a circular icon containing a white 'C' on a gray background. Below the input fields, there are three buttons: 'GALLERY', 'CAMERA', and 'SIGNUP'. The 'GALLERY' and 'CAMERA' buttons are positioned side-by-side, and the 'SIGNUP' button is centered below them. At the bottom right corner of the screen, there is a red circular button with a white envelope icon.

- The Details can be filled as follows.

signup

Signup

Sri Chaitanya

Patluri

chaitanya0403@gmail.co

Kansas City

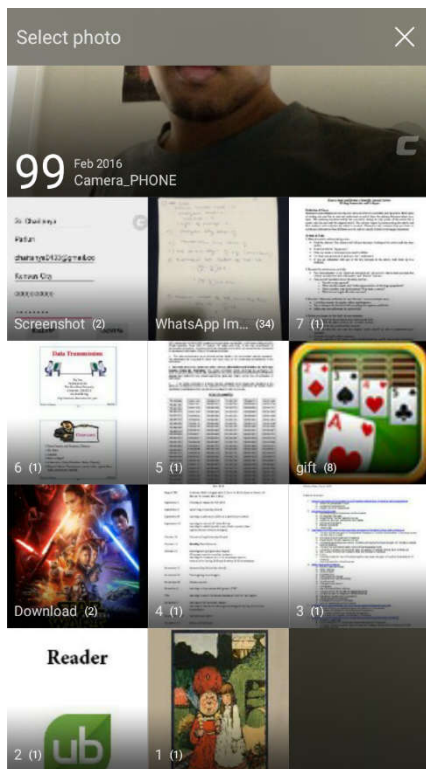
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GALLERY CAMERA

SIGNUP

- If Gallery is selected, an image can be selected from gallery and can be populated with the image view box on the right hand side of the application.



signup

Signup

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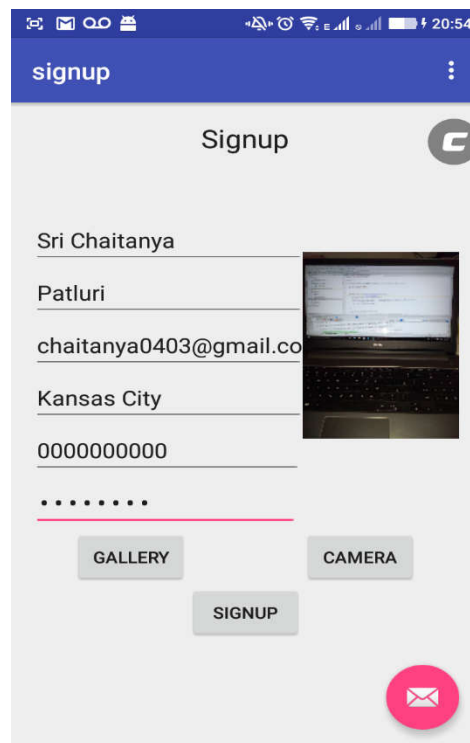
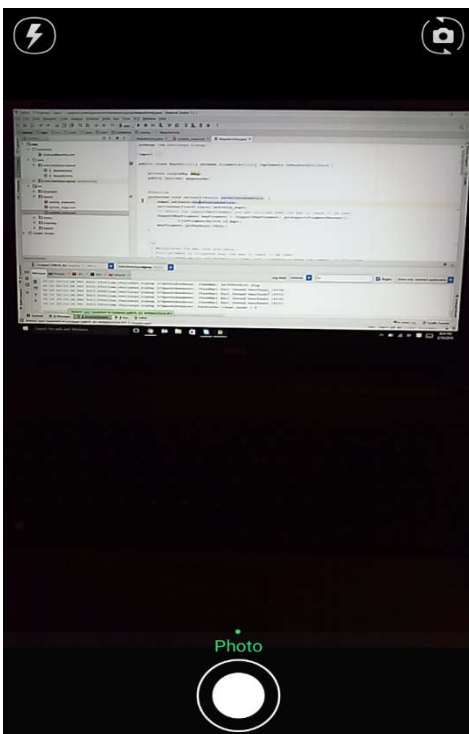
GALLERY CAMERA

SIGNUP

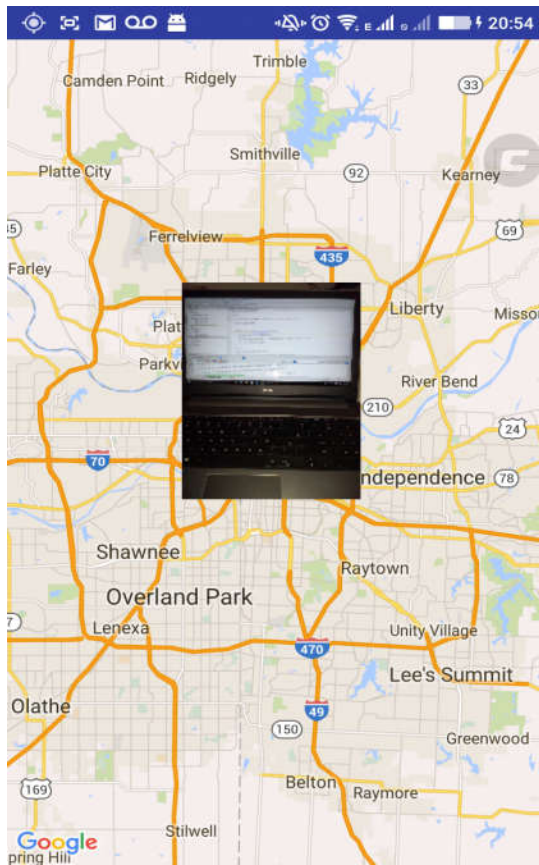
4. The selected image can be used as a marker to show your current position on the Google Maps.



5. Same can be done in case of the Camera. When Camera is selected and an Image has been clicked it appears on right hand side of the application.



6. The image taken can be used as a marker to show your current position on the Google Maps.



References:

1. <https://developers.google.com/maps/documentation/android-api/>
2. <http://stackoverflow.com/>