COP290: RegApp

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Mention the detailed description of what the application does.

1 User Interface

- Home Screen

  - Home Screen shows a visual layout depicting the aim of the app and providing an option to view the course description before registration.
  - You can click on fab[1] info button to view course description.
  - Click Continue to move to the registration page.

- Registration Screen

  - Registration Screen allows you to register for the course. By default it allows two members per team to register for the course.
  - Clicking add button adds the fields for third member registration.[3]
  - Clicking options menu on appbar displays information about the app authors.[2]
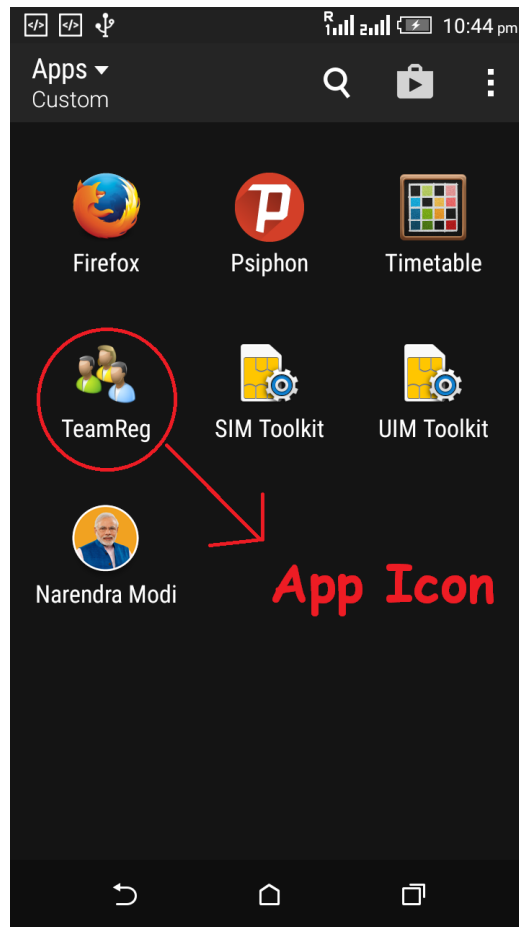 - On clicking submit button various toasts are displayed according to current registration status.

Figure 1: App Icon

2 Implementation Details

- We have created two activities in our app 'home activity' and 'main activity' which handle the respective two screens.

- We have used dialog fragmets to display course description and authors information.

- We have put all the strings used in strings.xml, all shapes in drawable folder , for better organisation.

- We have done proper commenting for future reference and collabora-

Figure 2: Home Screen

tion.

- Methods to verify the user information

    - Added a regex to name and entry number column to make sure its a valid entry.

- Methods for network communication. You can cite material that you used to create the application [4].

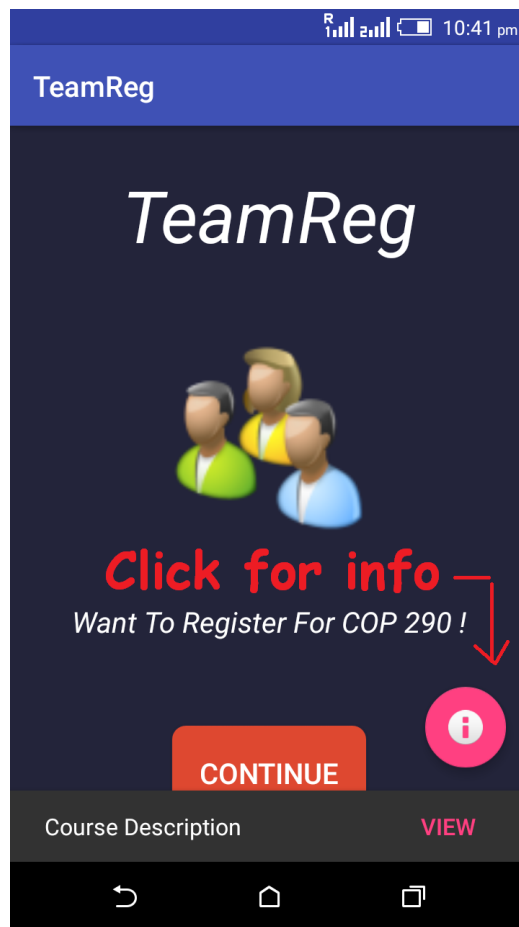The code for the project is being maintained in this repository:

    https://github.com/shivankgoel/teamreg.git

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Figure 3: Info Button

References

[1] Android developers. http://developer.android.com/reference/android/support/design/widget/F

[2] Android developers dialogfragment. http://developer.android.com/training/basics/network-ops/index.html.

[3] Android hive. http://www.androidhive.info/2015/09/android-material-design-snackbar-example/.

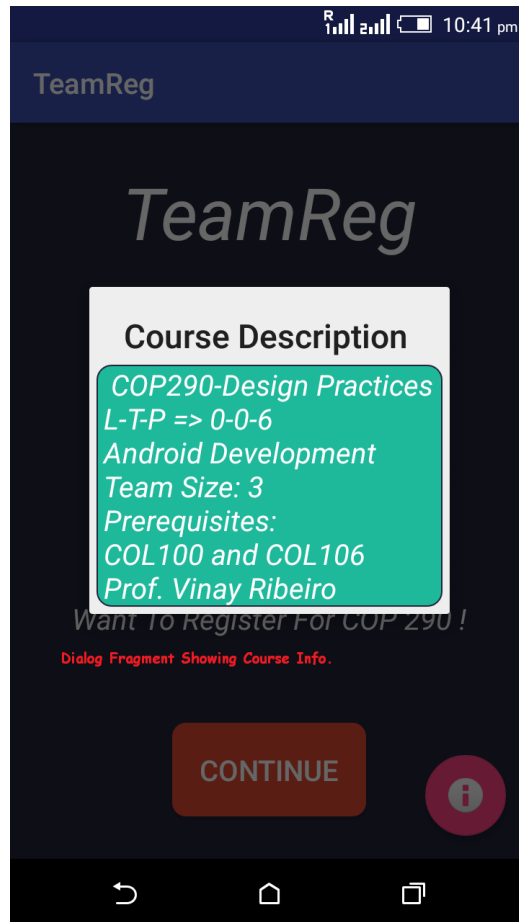[4] Simplified coding. https://www.simplifiedcoding.net/android-studio-volley-tutorial-to-create-a-login-application/.
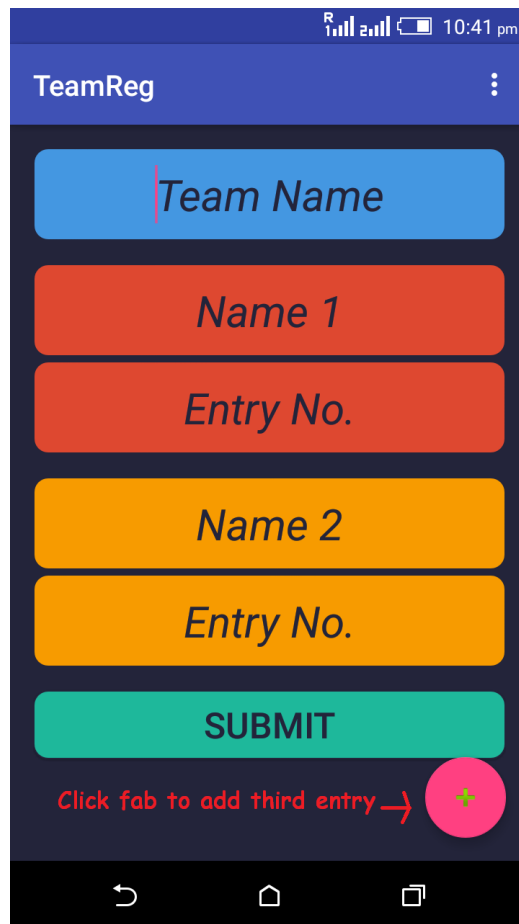
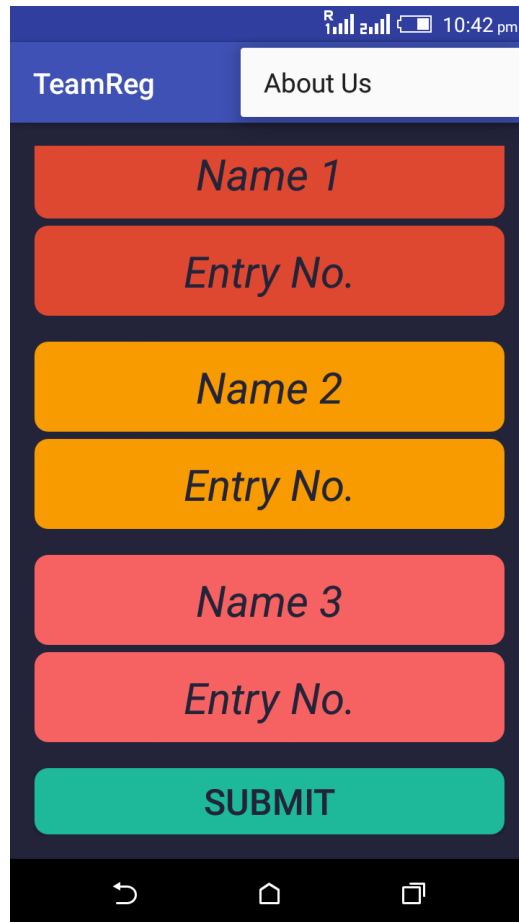Figure 4: Course Description

Figure 5: Floating Action Add

Figure 6: Add Entry

Figure 7: Main Menu

Figure 8: About us