**1. Enable debugging option on your device**

- Go online a lookup how to unlock debugging for your device (this is different for every phone model.

- Moving your phone to debugging mode will allow your device to run the application and debug the application if problems occur

**2. Download Android Studio**

- Use this link: <http://developer.android.com/sdk/index.html>

- That will install both Android Studio and SDK. You may need to install older versions to match with the current code

**3. Running my code**

- Download source code from my website.

- Open Android Studio.

- Import the newly downloaded project into Android Studio.

- Plug the android phone into your computer.

- Select the green triangle play button in the Android Studio toolbar.

- A window titled, "Device Chooser" will pop-up. Click on your device and click the OK button

**4.** **How to use the app**

- Make sure that you have an internet connection.

- Click on the app and you will be brought to the home screen with a red marker on the screen pointing to your current location.

-On the bottom of the screen, there is a "Building Info" button, if you press this while the phone is pointed at a building, a page displaying that buildings basic information will appear (Note that the app may crash because decoding a picture that is too large can take too long from time to time).

- There is a clickable link for each building to find more information about that building.

- Additionally, there is a hamburger button on the top left of the screen (Options being: Home, Academic Buildings, Food, Residence Halls/Apartments, Miscellaneous, All Buildings, and Admin Login).

- If you click on any of the options aside from Home or Admin Login, markers will appear on the map, pointing to all the buildings in the snctour database.

- You can click on a marker and page with building info will appear. If you click on the Admin Login, you will be brought to the admin login page.

- At this point, enter a valid email and password combination to advance to the admin main page.

- On the admin main page there are two listviews, one containing admins and one containing buildings.

- To add an admin or building, simply hit the plus button to the right of the listviews' titles.

- At this point enter new building or admin data, press insert, and that new admin or building will have been inserted into the database.

- At the admin main page, simply press on an existing admin or building to be given the option to update or delete.

- If you choose to delete, the selected item will be deleted from the database.

- If you choose to update, you will brought to a page to enter new data for that admin or building. Upon finishing the database will be updated.