

Mobile Based

**Android Application for Health
Facility**

Latitude Longitude Mapping

Android Application for Health Facility Latitude Longitude Mapping

Step 1) First download android application from www.rsbycg.nic.in website. In home page click on download link named as **RSBY LatLong Mapping**.

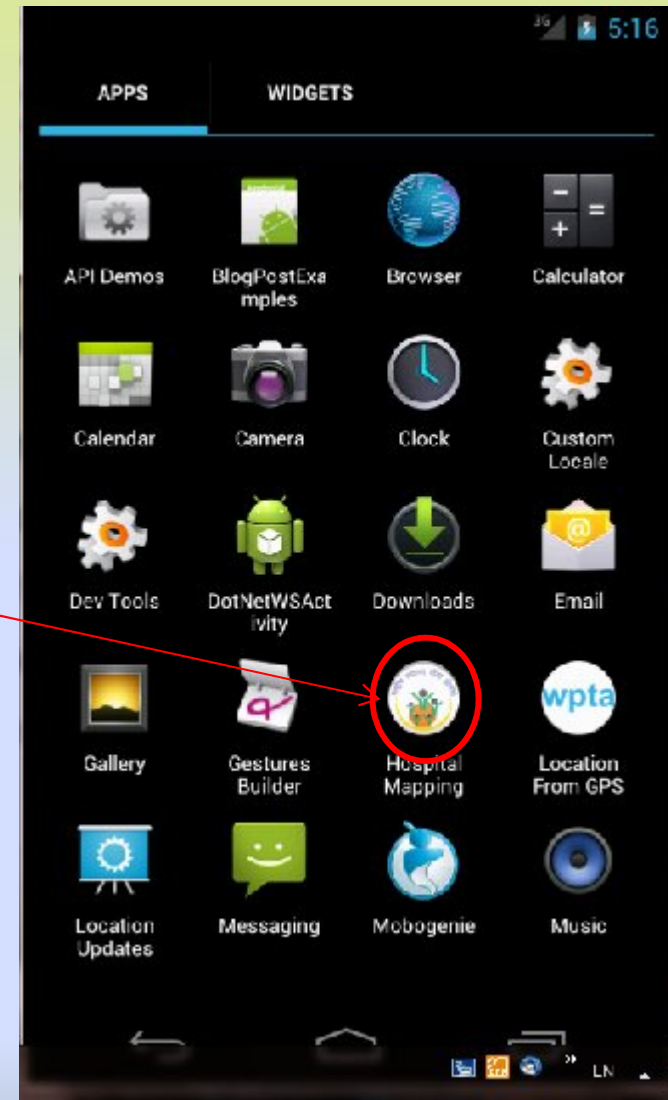
Step 2) Copy downloaded file (RSBYHospitalMapping.apk) in android mobile and install it by clicking the downloaded file.

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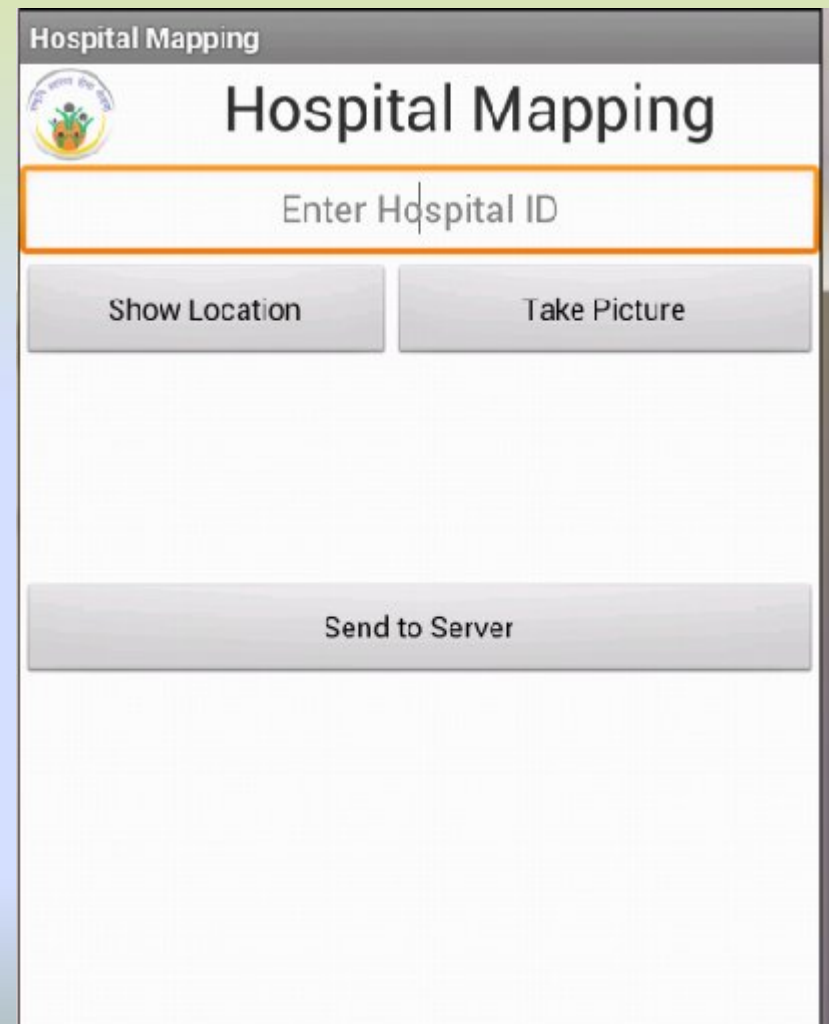
Step 3) Steps for using android application:

When application gets installed in mobile, for starting it, Click on “Hospital Mapping” with RSBY icon available at last of application list as shown in figure 1.



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- In application there are three buttons named
 - “Show Location”
 - “Take Picture” and
 - “Send To Server”as shown in Figure 2.



The screenshot displays the 'Hospital Mapping' application interface. At the top, there is a header bar with the text 'Hospital Mapping' and a logo on the left. Below the header, the title 'Hospital Mapping' is repeated. A text input field with the placeholder 'Enter Hospital ID' is highlighted with an orange border. Below the input field, there are two buttons: 'Show Location' and 'Take Picture'. At the bottom of the screen, there is a large button labeled 'Send to Server'.

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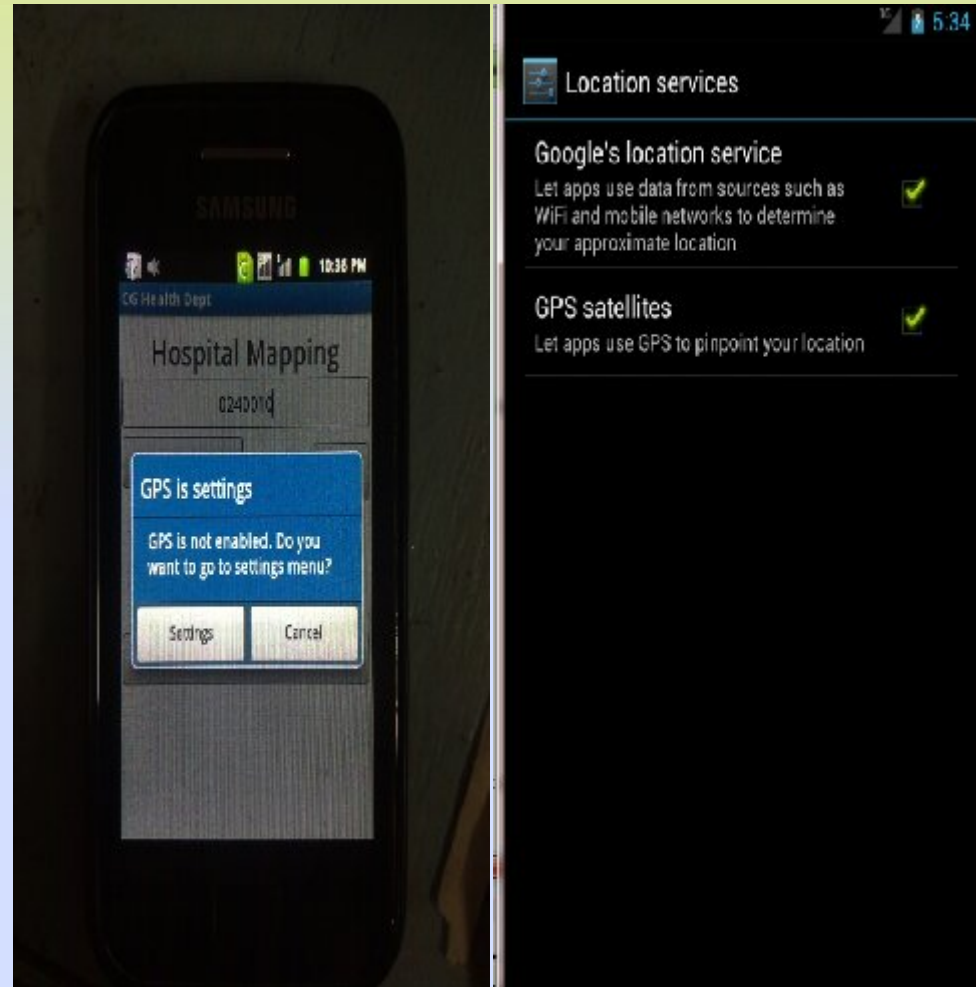
Latitude Longitude Mapping

- “Show Location” Button

When clicked, it will display Latitude and Longitude of mobile location.

On top, there is textbox, in which you have to enter Hospital Code, which is required for associating it with latitude, longitude of mobile location.

Now for getting latitude (Lat) and longitude (Long) of mobile location GPS should be enabled, If not application will prompt you to enable it as shown in Fig 3.

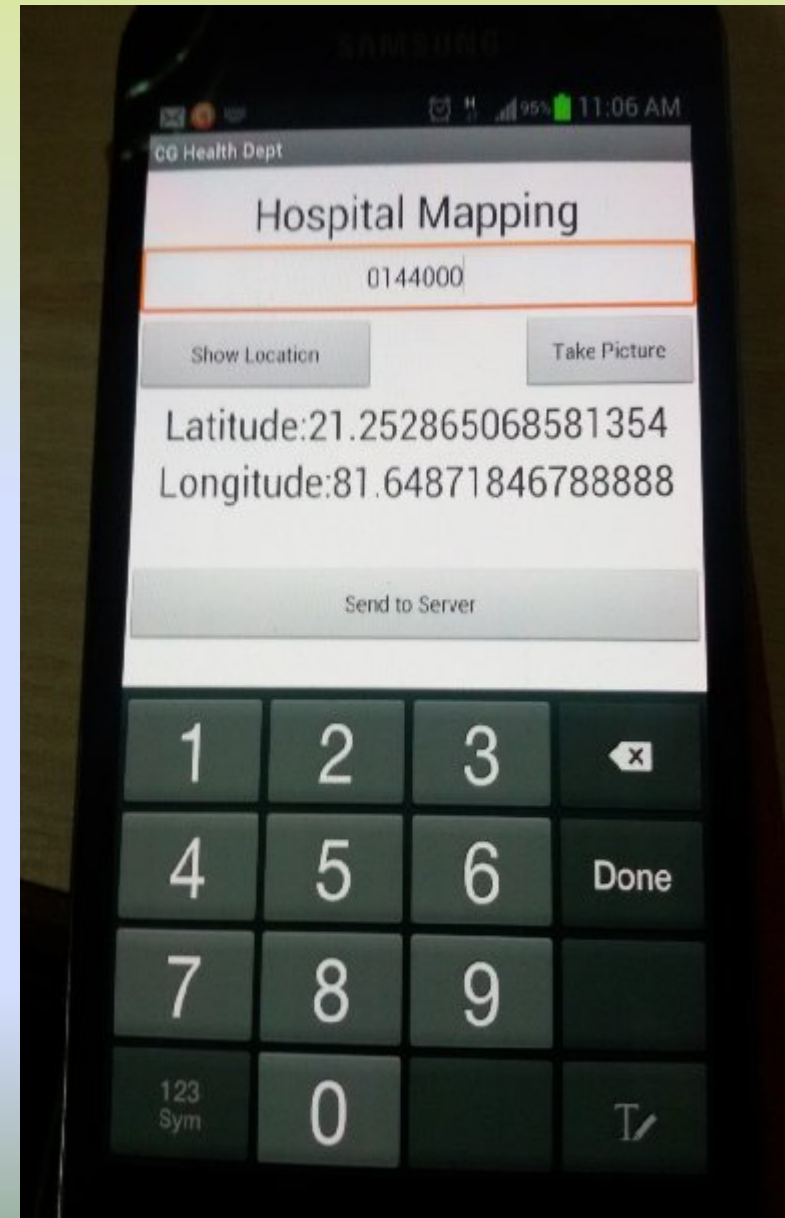


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- “Show Location” Button

- GPS works only when you are on place with open sky, so GPS won't work in closed rooms.
- After GPS is enabled, click on “Show Location” Button for getting latitude (Lat) and longitude (Long) of mobile location.
- For getting Lat-Long, GPS should be enabled. When GPS is enable, it will display Latitude and Longitude. As shown in Figure 4.
- If it shows Latitude 0.0, Longitude 0.0,GPS signal may be poor. So wait and again click on “Show Location” Button untill you get the Latitude & Longitude coordinates.



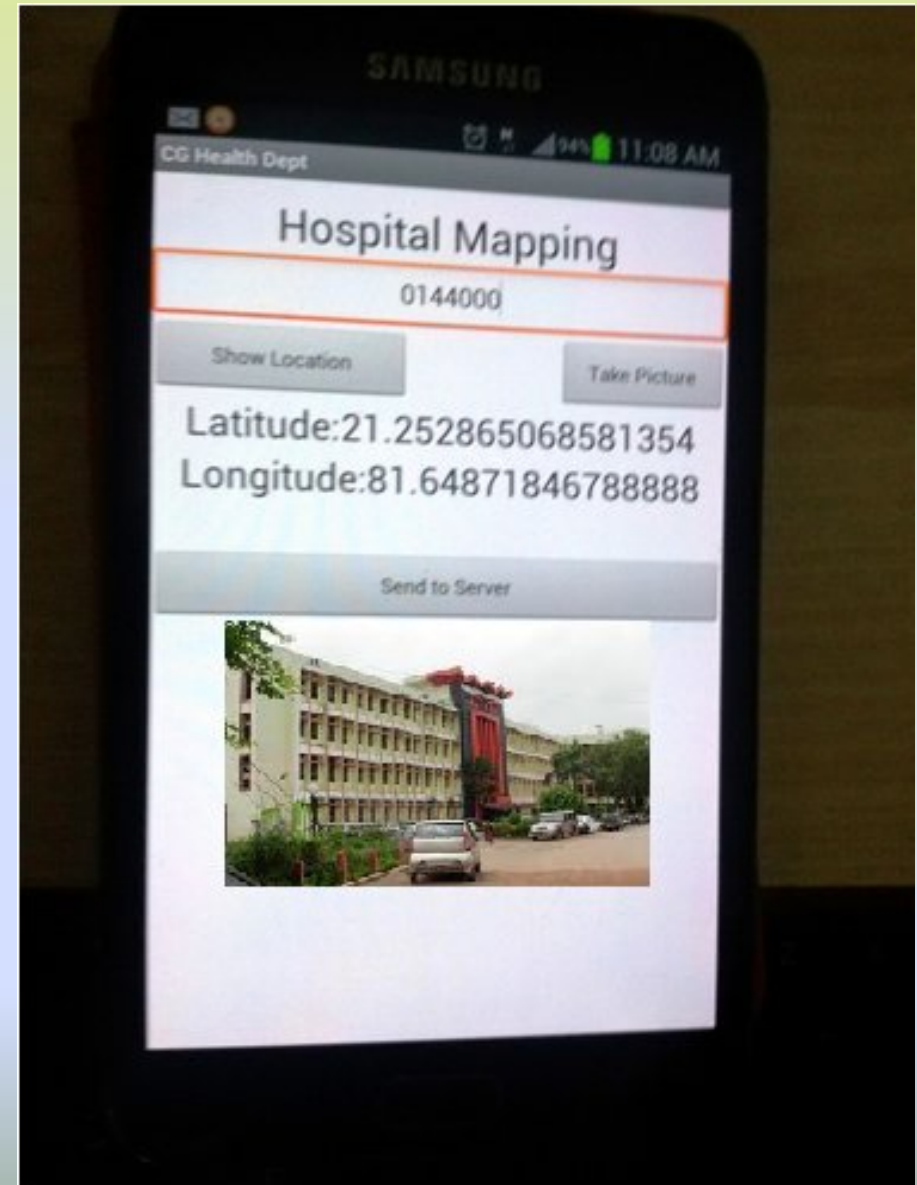
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- “Take Picture” Button

After getting Lat Long , you can take picture of Health Centre, so that we can identify that, Lat Long of mobile location belong to this health centre. After taking Picture, save it, then preview appears on screen.

See figure 5



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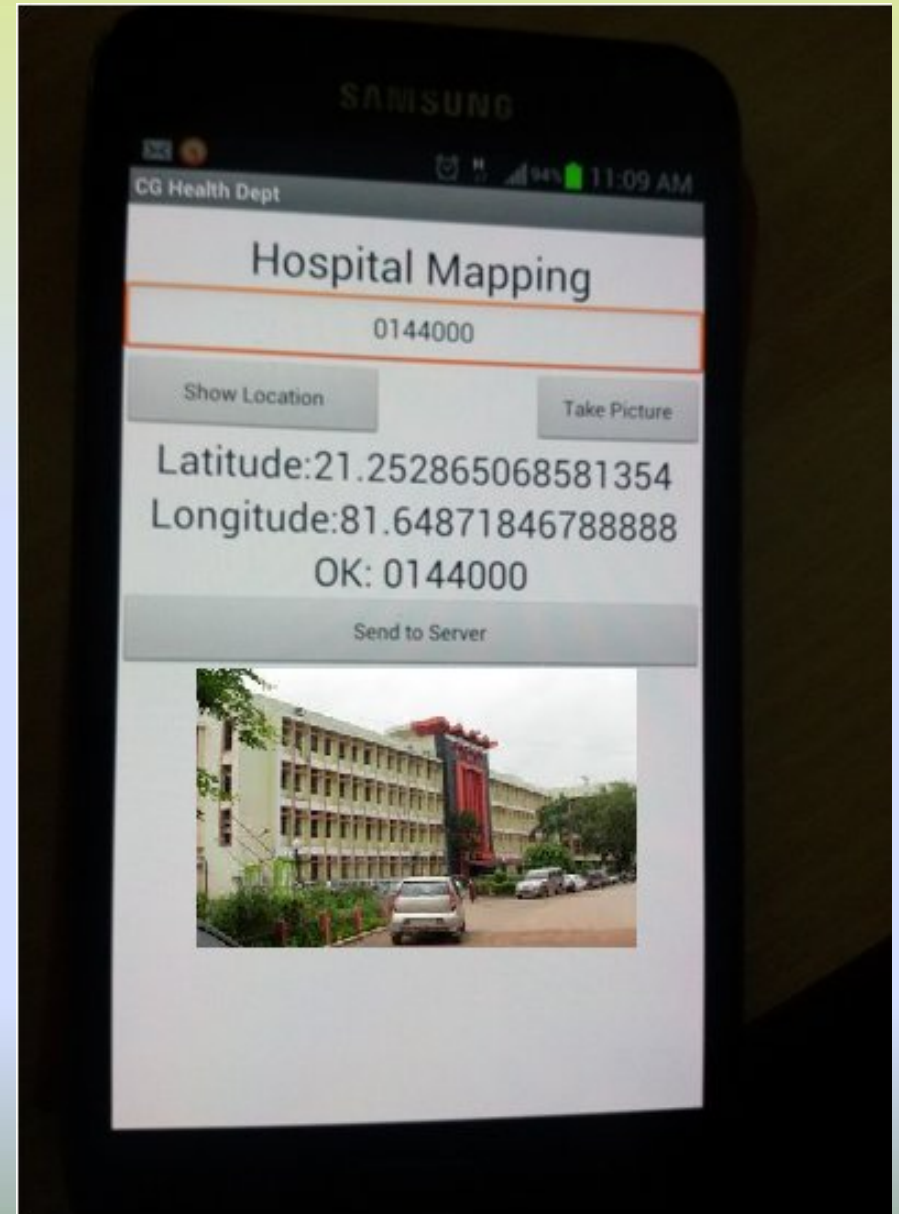
- **“Send To Server” Button**

Now the Last Step is to Send Data(i.e Health Facility ID, Lat Long, Photograph) to Server.

For Sending Data to Server, Internet is required. So enable it on your mobile. When internet connection is slow or not connecting due to improper signal, please keep trying to send data to server.

When data is sent successfully to server, **“OK HCID”** message appears on screen. See Figure 6

HCID indicates the Hospital Code



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Thank you