

IISc Signal Strength Reader

DESCRIPTION:

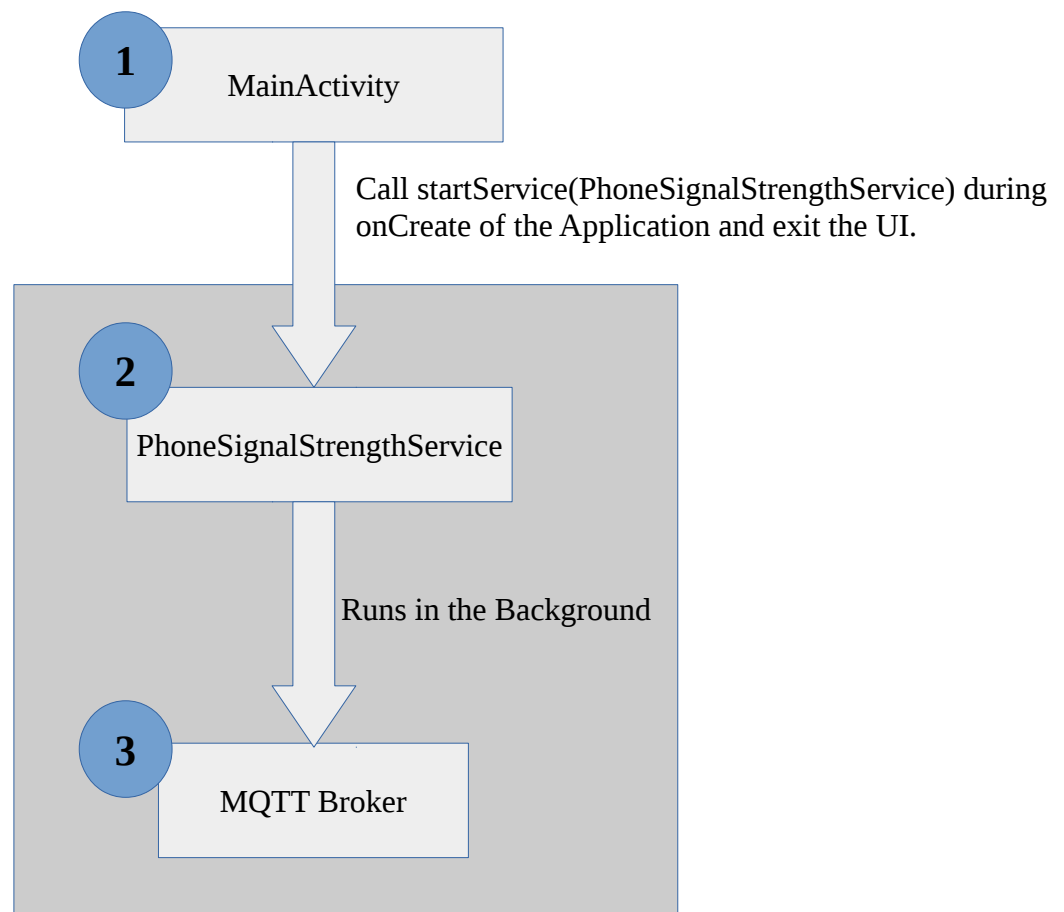
The application is used for capturing the Radio Signal levels on a particular Geo-Location and publish it to the server.

USAGE:

The application uses the following functionalities :

- Write collected data to a file for analysis and transferring it to the server
- Reading from a file for transferring data captured in non-data connection zone.
- Shared Preferences for persistent storing.
- Network and GPS states for obtaining latitude, longitude data.
- Acceses the state of the phone to obtain Telephony information.

OVERVIEW:



For the integration with the Maps application, please ask the Application Developer to add the project available in <https://github.com/swaminathanvasanth/MQTTService> , and add `startService(new Intent(this, PhoneSignalStrengthReaderService.class));` in the `onCreate` method of the `MapActivity`. This will enable the workflow of our application to kick-start.

DEPENDENCIES:

The application uses a jar file called `mqttv3-1.0.2.jar`.