**App Name : Log My Place**

**Goal:**

Know and intimate your location.

If the user does not have a data connectivity, this application is used to capture the current location using GPS. Once the data connectivity is established, user can get the address of the stored location and view it through google maps. User will be able to intimate to their contact using their latitude and longitude position through SMS.

**About:**

* This application will be able to get the last known latitude and longitude using GPS/ Network Provider.
* By clicking on Capture Location, The app stores the data(Place name, Longitude, Latitude) in the SQLLite database.
* User will be able to retrieve the place info using Get My place button.
* The view will be containing the places captured in the list.
* Get the address of the selected place using get address button.
* Launches map to view the specific location
* Using tell a friend option user can send a message containing the location to a friend.

**Technical Specification:**

* GPS service has been written using binder service.
* Message and Google maps are invoked using intents.
* Geocoder address API is used to get the address of the location.
* SQLLite Database stores the latitude and longitude.
* Clear data clears the database file that is created.

**Android Permissions:**

* Location
* Internet
* External Storage

