**GOOGLE PLACE FINDER**

**Abstract:**

Global positioning system find nearby location Street Address, City, Country and Zip code. Also Show you’re way to reach the place with speed of travelling. This application is used for emergency case we able to find location of nearby hospitals and contact detail. It’s providing automatically emergence call to the particular location. Google map find distance of the two places. Also know driving direction of the two cities and Travelling time and distance of the place. Application is finding nearby ATM via the GPS and also driving direction.

**Overview:**

Have you ever had a situation where you visited one place and you have some task to do next time you visit the place? While travelling by bus/train, have you need ATM machine and hospital based on location?

The application “Advanced GPS location finder to identify hospital location and ATM location” solves all these problems. It offers below services

* Retrieves the user’s current geological coordinates.
* Once user is near the location, the location will be searching nearest places can be viewed.
* User can edit/delete/update/enable/disable the nearest places.
* User can see the locations on Map to find out how far he is from the expected location.

**MODULE DESCRIPTION**

* Google Map & Searching Location
* Google Places search
* User Interface
* Database
1. **Google Map and Searching Locations:**

**Google Map:** This module is displays the Google map on your device with the options, Google map and searching locations is the main module of the application. This *module* is having the two sub modules,

* + - Satellite view – Viewing satellite image Google Map to the user
		- Street view – Viewing Street View Google Map to the user

And locate the nearest hospitals and ATMs present at the surrounding locations with markers identifications.

1. **Google Places Search:** Google provider is provides the World Wide search options for Google places. By Using the Google search keyword to find the each and every Google Map Locations in the World. Where the search option is done by adding Google Places JAR’s like,
* google-api-client-1.10.3-beta.jar
* google-api-client-android2-1.10.3-beta.jar
* google-http-client-1.10.3-beta.jar
* google-oauth-client-1.10.1-beta.jar
* google-http-client-android2-1.10.3-beta.jar
* gson-2.1.jar
* guava-11.0.1.jar
* jackson-core-asl-1.9.4.jar
* jsr305-1.3.9.jar
* protobuf-java-2.2.0.jar
* Google Places API key like *“AIzaSyCig25fzYJ6gcwZyrluEXCtZuNtgh1wcwk”* and places
* Search URL’s

[https://maps.googleapis.com/maps/api/place/search/json?](https://maps.googleapis.com/maps/api/place/search/json)

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These all are used to search the Google Places in Google Map.

1. **User Interface:** The user interface is the important thing in android applications. In this application the user interface is designed by using the Android XML. For user interactions and easy to handle application many of the User interface designs are used in this applications.
2. **The SQLite Database:** SQLite Database is one of Main part this application, because the searched location details are stored by using the SQLite Database in the Android. For a feature reference the location details are stored in SQLite database.

**SOFTWARE SPECIFICATIONS**

* Eclipse IDE for Java Developers - [Eclipse](http://eclipse.org/mobile/) 3.6.2 (Helios) or greater
* Eclipse [JDT](http://www.eclipse.org/jdt) plug-in (included in most Eclipse IDE packages)
* [JDK 6](http://www.oracle.com/technetwork/java/javase/downloads/index.html) (JRE alone is not sufficient)
* [Android Development Tools plug-in](http://developer.android.com/tools/sdk/eclipse-adt.html) (recommended)

**OPERATING SYSTEMS**

* Windows XP (32-bit)
* Vista (32- or 64-bit)
* Windows 7 (32- or 64-bit)

**HARDWARE SPECIFICATIOS**

* Hard disk - 40 GB
* Processor - Pentium IV 2.4 GHz
* Ram - 1 GB