**Friend Mapper and Open GPS Tracker System**

**ABSTRACT:**

In current system, in order to find out the location of friends, user need to call and ask friend about his where about. The proposed system will help user to find out friends locations as well as the distance from user’s location. The proposed system will also allow user to see all friends on Google map as well. The application “Friend Locator on Mobiles” solves all these problems. It offers below services 1. Allows user to select friend for his location updates. 2. Uploads user’s current location at specific frequency. 3. Get friends current location 4. Shows friends location on Google Map. 5. Shows distance in kilometers for friends away from user

**EXISTING SYSTEM:**

In current system, in order to find out the location of friends, user need to call and ask friend about his where abouts. The proposed system will help user to find out friends locations as well as the distance from user’s location. The proposed system will also allow user to see all friends on Google map as well.

**DISADVANTAGES OF EXISTING SYSTEM:**

* Need to Call the current person and ask them
* Cannot get correct Information

**PROPOSED SYSTEM:**

*Have you ever wished that you would come to know your friend’s locations without asking them?*

*Have you ever wished that you would get to know which friend is just few kilometers away from you and would then meet him personally?*

The application “Friend Locator on Mobiles” solves all these problems. It offers below services

1. Allows user to select friend for his location updates.
2. Uploads user’s current location at specific frequency.
3. Get friends current location
4. Shows friends location on Google Map.
5. Shows distance in kilometers for friends away from user.

**ADVANTAGES OF PROPOSED SYSTEM:**

* Can Track our friends
* No Need to call them
* Can get exact location information from GPS

**SYSTEM REQUIREMENTS:**

**HARDWARE REQUIREMENTS:**

* System : Pentium IV 2.4 GHz.
* Hard Disk : 40 GB.
* Floppy Drive : 1.44 Mb.
* Monitor : 15 VGA Colour.
* Mouse : Logitech.
* Ram : 512 Mb.
* MOBILE : ANDROID

**SOFTWARE REQUIREMENTS:**

* Operating system : Windows XP/7.
* Coding Language : Java 1.7
* Tool Kit : Android 2.3 ABOVE
* IDE : Eclipse