**SYSTEM ANALYSIS**

**EXISTING SYSTEM:**

Using the technology – smart phone and internet, people are sharing information to other people but they are not sure if their information is securely transmitted or not. There is a lot of chances that it may hack by the third party users.

**DISADVANTAGE:**

* No centralized database due to which there is a problem in management of data, portability problem, updates as well as backup problems etc.
* Most of the location based social network asks to input the personal information. All the messages are displayed on the screen which has failed to protect the privacy of information.
* Lack of server centric privacy control method. No security has been maintained during transfer of information between server and device.
* Most of the application that are based on GPS technology are storing location in their built in database and are unable to use it externally so that it is difficult to trace the current location of the people where they are.
* Lack of accuracy.
* It is very burden to Users.
* Lot of paper works.

**PROPOSED SYSTEM:**

In our proposed system we are using a AES cryptographic method to send our location and message to admin and the users. So the entire system is encrypted in the database too the information will be in the form of encrypted so it prevents the third party user to access the sensitive data and the password will be secretly send to the personal mail. If and only if the password is known the details can be decrypted.

**ADVANTAGE:**

* Improvement in user interfaces in android device as well as in web server.
* Accuracy of information can be improved by using several algorithms.
* Improving the security of data by using other different cryptography method.