**Data Dictionary**

**Emergency Help Service**

* ***Emergency Reporting System***

Emergency Reporting System = Location

Location = \*current location of user\*

Fetch\_Location : Fetch Current Location of User

* ***One Tap***

One\_Tap = Location+User\_Data

Send\_Complaint() : Send Complaint Id location and User Data

* ***Authentication***

Authentication =username + password

Authentication() : Verify User Email and password by third-party services.

* ***Authority***

Authority = Complaint\_Details + Status

Complaint\_Details = Id+Location+(Message)+Trusted\_Contact\_Details

Status = \*Status of each complaint for authority\*

Review\_Complaint() : Modify Complaint or Assign it to Some Appropriate

Person

Delete\_Complaint() : Close Resolved or Fake Complaints.

* ***Call***

Call = Cell\_Number

Cell\_Number = \*Contact Number of Victim\*

Call() : Call Higher Authority By Application

* ***Login***

Login = Id+Password

Id = \*Email or Mobile Number in our Application Context\*

Password = \*Password provided by user at time of Signup\*

Forgot\_Password() : User can reset his/her Password by This Feature.

* ***Signup***

Signup =Email+Cell\_Number+Password+Trusted\_Contact\_Detailss

Generate\_OTP() : Generate\_OTP for verification of Email and

Cell\_Number

Receive\_OTP() : Receive OTP for verification of Email and

Cell\_Number

* ***Reporting***

Reporting = Location+Complaint\_Id+Subject

Subject = \*Abstract Complaint Details\*

Generate\_Complaint\_Id() : Create and assign new Complaint Id to

Complaint

* ***Message***

Message=Text\_Message

Text\_Message = \*Victim’s message for Authority in case of emergency\*

Write\_Message() : Write message for Authority in case of emergency

Send\_Message() : Send Message to Authority in case of emergency

* ***Admin***

Admin= Database

Database = \*Complaint Data of All Users \*

Edit\_Complaint\_Data() : Assignment and Review of complaints.

Close\_Complait() : Delete Closed or Fake Complaints.

* ***Status***

Status = Complaint\_Id+Status

Get\_Status() : It gives status of complaint Id.  
View\_Map() : View All Complaints as Heatmap in Map.

* ***Heatmap***

Heatmap =heat\_ map

Heat\_map = \*Data intensed Map which contains all complaints according to it’s registered locations\*

Generate\_Map() : Generate new map by considering new complaints and it’s locations.