Chapter 3

Overall Description

3.1 Product Perspective

The product is mainly concerned with the android users. Currently there is no such system to detect accidents and provide alert messages to the rescue force. So there comes the origin of this product. In the existing system, since there is no accident alert systems, many people die being unnoticed existing. This system detects accidents/collisions on the very first moment and send alert messages to nearest control stations.

3.2 Product Functions

The major functions of the product are:

• Accidents can be detected and rescue measures can be taken

• The accurate location of accident can be spotted easily

• Provides more security to life

3.3 User Classes and Characteristics

The User Classes of this app includes the users who registered within this app and admin. This app provides same privileges to different kinds of users. Only registered users can utilize all the functionalities of this product.

3.4 Operating Environment

This product is expected to operate on Android phones. Internet connection is mandatory

for the functioning of this product. This product is coded using Android Studio and Dream Weaver.

3.5 Design and Implementation Constraints

Limitations of this system are:

• App need internet permission for its working.

• The registered android phone must be in the vehicle on the time of collision.

3.6 User Documentation

No further documents are provided.

3.7 Assumptions and Dependencies

• Users can easily handle this application

• The application run without any error producing the exact output.