# Introduction

## Purpose

## *It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate.*

# Overall Description

## Product Perspective

This project is mainly developed to provide replacement for certain existing systems. It is mainly a mobile application product which requires the app to be installed on the system which directly connects to the police system.

## 

**2.2 Product Functions**

* The user will be enabled with a login to the mobile app using aadhar number as login ID.
* On every user registration or login to the app, the details of the user will be recorded in the centralized police system database.
* User profiles including basic information and a photo has to be uploaded at the very first login.

## User Classes and Characteristics

Every individual of our country can use this app in case of any emergency. It contains various options that can be used by the user such as accident, theft, physical assault etc. A tracking ID is generated for both user and the police side through which the necessary action can be taken from the police department side.

## Operating Environment

* Operating System- Windows XP
* Android Version- Lollipop and above.

## Design and Implementation Constraints

Since this is a pure software based project there will be no hardware implementation and no policies are required. We use languages such as JavaScript, MySql. The communication protocol used is TCP/IP.

# External Interface Requirements

## User Interfaces

We can use our mobile app as the interface between the user and the software.

## Hardware Interfaces

* RAM – 4GB
* Processor – dual core 13 @1.70GHz
* Memory – 1TB

## Software Interfaces

* *Operating system – Windows 7*
* *Software used – android studio version 2.1.2*

# Other Nonfunctional Requirements

## Safety Requirements

There is no possible loss, damage, or harm that could result from the use of the product.

## Security Requirements

As every user has created his own password there is no security issues related to this project.