Requirement Document

Crime date analytic platform performs descriptive and predictive analysis of crime data and provide user friendly and effective ways to analyse crime data. To make crime data analysis feasible and effective a web application has been developed to interact with the users.

Features provided by the platform:

* Upload a crime data set
* Reporting /filing of cases by the public.
* Upload of the criminal details for future comparison for the police.
* A report on the closed crime files.
* Report of the police officers and the investigation team.

1. Entering crime details:

* The details on the crime occurring (ie , where, when and how),type of crime etc are to be entered .The higher authority police officer should be provided access to this module.

1. Prediction:

* The crime prediction is to be done using the K-mean algorithm .After an analysis of crime using the algorithm the prediction result will be shown on the page and an option to download the result as a text file is to be provided.

1. Filing cases/Reporting cases:

* Public should be able to file their crime cases from anywhere, anytime selecting the station to which the case is to be filed.
* The other requirements that should be met are:
* The details of the officers , who have dealt with the famous crime cases, information regarding them are to be entered.
* Popular closed cases report are to be provided with view permission.
* A section should be provided for entering the existing criminals details such as their features, type of crimes in which they are suspected, their fingerprint etc are to be entered in this module. Public should not be given access to this module.