1. **Offender management Service**

**abstract:**

The objective of this application is to maintain the details of prisoners and other information related to prisons. This enables law enforcement people to access necessary information quickly and effectively. This project is aimed at developing a Offender management system for the effective management of prisons.

**Existing System:**

In the present systems all information is maintained using conventional methods across ledgers and files. Often it is difficult to access the desired information efficiently. The data is not organized in a proper manner and this may lead to data inconsistencies and losses. It is also difficult to generate reports and documents. The system does not provide security for sensitive data.

**Proposed System:**

The proposed application is a web based application and maintains a centralized database of entire information. The system provides the details of each prisoner and maintains the details of the cases against each prisoner. This must include the sentence details, remand/conviction details, etc. This system maintains the list of prisoners to be released on a specific day. This system maintains in-out register to keep track of all prisoners and others who move in and out of the prison for various reasons.

**Modules:**

* **Administrators**
* **police officers**
* **Data Managers**
* **Nominal Rolls**
* **Reports**

**Administrators:**

Administrator is treated as a super user in this system. Administrator can maintain different registers such as Nominal Rolls, Case Register, Automated Release Register, Parole Register, Duty Register and In-Out Register. Other tasks done by the administrator are generation of reports, maintenance of log files, backup, and recovery of data any time. Administrator also manages details of number of cells and their usage. Administrator is also responsible for managing finances of prison.

**Police officers:**

Police officers can seek information regarding prisoners and convicts. The information is used to make decisions regarding court hearings, remands, release dates etc.

**Data Managers:**

On the behalf of administrator data manager prepares all the registers with appropriate data. They can have the privilege to add and update data in the different registers.

**Nominal Rolls:**

The details of the prisoner and his/her demographic details should be captured. A digital photo comprising different views of the prisoner and the list of articles surrendered by prisoner during nominal roll are to be recorded.

**Reports:**

The system allows the generation of various reports based on different criteria such as prisoners details.