**Android-Based Staff and Offender Records Management System for Police Department**

**Project Domain / Category**

Android Application

**Abstract / Introduction**

**Staff and Offender Records Management System for Police Department** is an Android-based application consisting of hardware, software, networked devices, and information that serves as the backbone for any organization. This application collects data from various online systems and resources, processes the data, and generates reports to assist in making informed decisions.

**Android-Based Staff and Offender Records Management System** is used to convert the manual information system of the Police department into an online Android application. This app is capable of collecting online data from various police stations located in various districts of the province. The Police stations will connect to the portal through a VPN or App, using an authentication mechanism of username and password. The collected information includes the Police staff and criminal data that will be provided by the administrations of Police stations located in far-flung areas of the province.

This system will facilitate each level of management in the Police Department. Using this portal, the top, middle, and low-level management of Police gain information about police staff and criminals to improve their performance and carry out optimal decision-making for keeping peace in districts and provinces.

**Functional Requirements:**

**User:**

1. Log in to the system using authentication.
2. Search for District, Tehsil, and Police station information.
3. Input staff and criminal data at the police station level.
4. Search, edit, or delete data at the police station level.
5. Access and view staff and criminal data at Tehsil and District levels.
6. Generate reports at the police station level.
7. Create reports at the Tehsil level.
8. Produce reports at the District level.

**Administrator Login:**

An authorized admin can log in to the system:

1. Assign/update/delete the username and password of the end-users
2. Add the name of the District, Tehsil, and Police station
3. Edit/delete the name of the District, Tehsil and Police station
4. View/edit/delete the District, Tehsil-wise staff, and criminal data
5. View/edit/delete the police station-wise staff and criminal’s data
6. Generate various reports about staff and criminals at different levels i.e. Police Station, Tehsil, or District level.

**Tools:**

* IDE: Android Studio (or any other mobile app development IDE)
* Programming Language: Android Java/Kotlin, XML for Layout/Interface design.
* Database: Online DBMS (Firebase, MySQL, or any other)
* Unified Modelling Language (UML): Microsoft Visio etc.

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