

# Prison Management System

A Modern Digital Solution To Enhance Prison Operations

## PROBLEM STATEMENT

Correctional facilities in Pakistan and many developing countries face inefficiencies due to outdated manual systems. These issues affect inmate data management, visitor handling, healthcare tracking, and staff operations. Long wait times, data loss, and security risks are common. Existing solutions are limited and lack integration. A modern, centralized Prison Management System is essential for improving efficiency, safety, and rehabilitation outcomes.

## PROJECT SCOPE

The proposed Prison Management System aims to automate inmate records, healthcare tracking, visitor scheduling and staff duty management within a single correctional facility. It includes core modules for prisoner, visitor, staff, and healthcare management, supported by user authentication.

Key Deliverables:

- ic

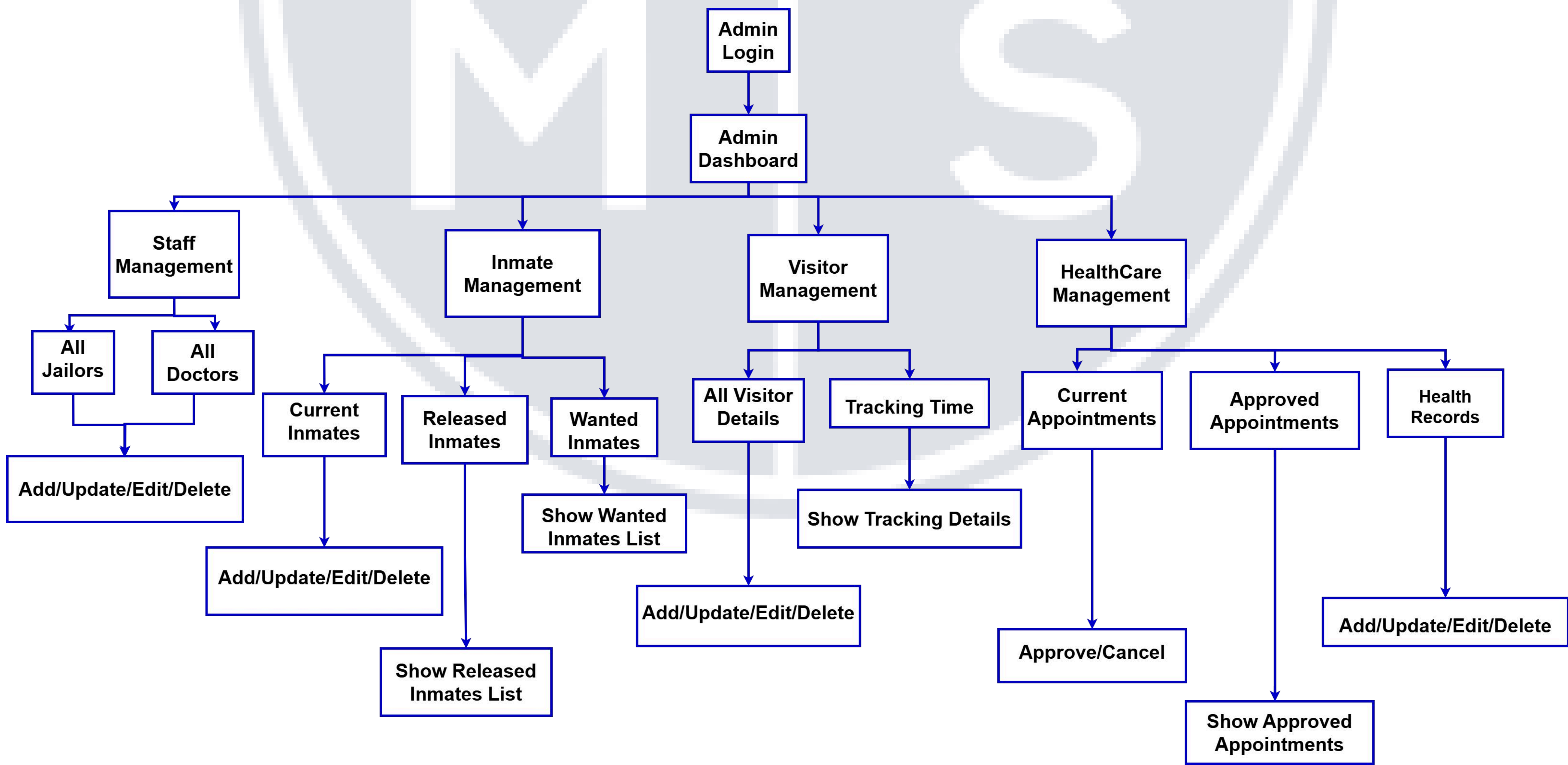
**Inmate Management**  
Records, history, and status tracking
- ic

**Staff Management**  
Scheduling, duties, and access control
- ic

**Visitor Management**  
Scheduling and approval processes
- ic

**Healthcare Management**  
Medical requests and treatment tracking

## BASIC WORKFLOW OF THE SOLUTION



## FUTURE ENHANCEMENTS

- Biometric authentication using fingerprint or facial recognition ensures secure login for prison staff and visitor identification.
- Real-time notifications via SMS or email alert staff about authorized visitor requests, medical visits, or emergencies.
- A mobile app version allows staff and officers to access the system conveniently while on the move.
- Behavioral analysis integrates with CCTV or RFID to monitor prisoner activity and detect unusual behavior.