PHASE II: BUSINESS PROCESS MODELING EXPLANATION

Project Title: SecureRehab – Offender Rehabilitation & Early Release Management System
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1. Process Scope

SecureRehab manages offender rehabilitation, risk assessment, and early release decisions. The process starts when an offender enters the prison system and ends with the parole board's decision. The system integrates rehabilitation monitoring, risk evaluation, audit logging, and BI reporting to support informed decisions.

2. Actors & Responsibilities

- **Offender:** Participates in rehabilitation programs.
- **Intake Officer:** Registers offenders, logs offenses, assigns initial risk score.
- **Rehabilitation Officer:** Assigns and monitors programs, marks completion.
- **Security Monitor:** Updates risk scores, reviews alerts, flags high-risk offenders.
- **Parole Board:** Reviews eligibility reports, approves or denies early release.
- **System:** Calculates risk scores, generates alerts, logs audits, updates dashboards.

3. Process Flow

The process begins with offense registration and offender intake. An initial risk score is assigned, and rehabilitation programs are allocated. Offender progress and risk are monitored; alerts are triggered if risk exceeds thresholds. Upon program completion, the parole board reviews eligibility and decides on early release, concluding the process.

4. MIS & Organizational Impact

SecureRehab automates offender tracking, risk assessment, and parole decisions, improving transparency, accountability, and efficiency. Audit trails ensure compliance and enhance interdepartmental coordination.

5. Analytics & BI Opportunities

The system provides BI dashboards for risk trends, rehabilitation success, alerts, and early release decisions. These insights support performance monitoring, policy improvements, and data-driven management.