

Infirmary Management System

Team Members

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Problem Statement

- The main issue with the existing system is that because all the systems are not connected, it will be challenging to process and handle requests when the system becomes overloaded. It is crucial to do tasks in the modern day and society both promptly and properly.
- The request queue becomes larger as a result of this ineffective method of request resolution, making it hard to clear it.

Proposed Solution

- Infirmary Management System is an organized system designed and programmed to deal with day-to-day operations and management of services that a patient needs access to, in cases of emergency or an injury.
- The program can manage inpatients, outpatients records, data about lab tests, the status of the patient, billings in the pharmacy.
- The project is about a hospital where patients can be registered through the reception login process and can go through a doctor's consultation, take lab tests as prescribed by the doctor, request blood from blood banks, and take medicine from the dispensary as prescribed by the doctor.

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- In cases of emergency, an ambulance can register a patient from the accident location as well.
- Finally, the patient can view their bill and choose to pay themselves or through insurance, which requires verification from the insurance enterprise and a related verification from a police officer from the police enterprise.
- Finally, after receiving approval from outpatient administration, the patient can be discharged.

Enterprise

- Hospital
- Blood Bank
- Police
- Insurance

Organization

- Hospital
- Police Dept
- Insurer Org
- Blood Bank
- Dispensary
- Ambulance

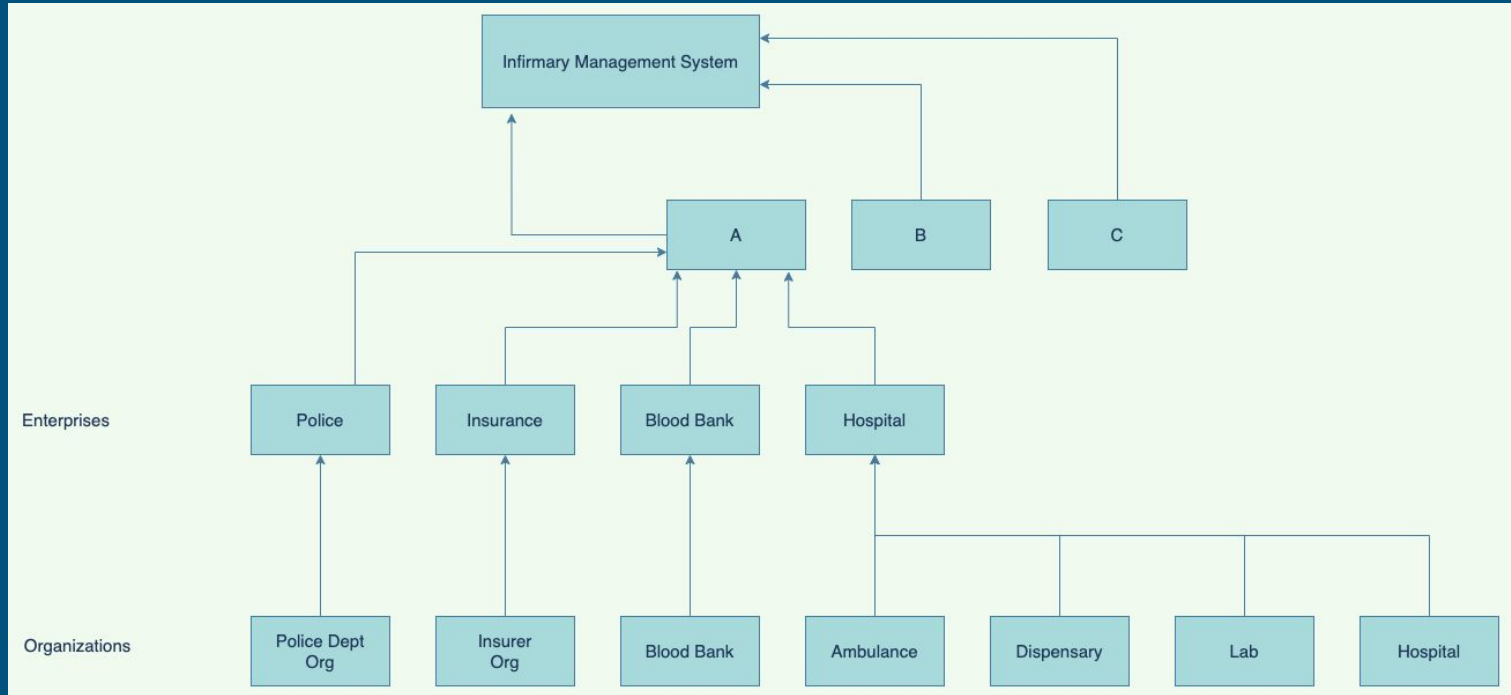
Roles

- Administrator
- Ambulance Driver
- Blood Bank
- Doctor
- Doctor Admin
- Insurance Manager
- Lab Admin
- Patient
- Pharmacist
- Police
- Reception Admin

ObjectModel



Hierarchy Model



Thank You !