

CRMS-PORTAL E-FIR REPORTING SYSTEM

Mini Project HCL Internship

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Abstract

CRMS-Portal: The crime record management system project is a web based application that provides facility for the police/officials to Add the Crime Details(FIR) and get the record easily on Online platform. The system at any point of time can provide the details of FIR document, existing charge sheets and their statuses. A database system in which police will keep the record of criminals who have been arrested. This platform will also provide the total count of crime record yearly, and will give the information about how many cases has been solved and how many are still pending.

Features

These are the core features, which will be present in the final production-level application.

Login and Sign-up

1. User can login and see the status of their past reports (if there's any).
2. Password encryption using **NodeJS libraries sh256**
3. Sign up and Login page admins.

Dashboard

1. Easy to use Dashboard for **seeing** and **slashing** the reports (depends on the authentication level).
2. All the previous E-FIR will be listed here for read only access and move access to Admins and respective developers.
3. Admin will be able to see the progress of their present report so as to have a quantitative info of their info.

User Profile

1. A logout button to **Logout** from the application.
2. There will be work of having a leaderboard as well as future build's feature

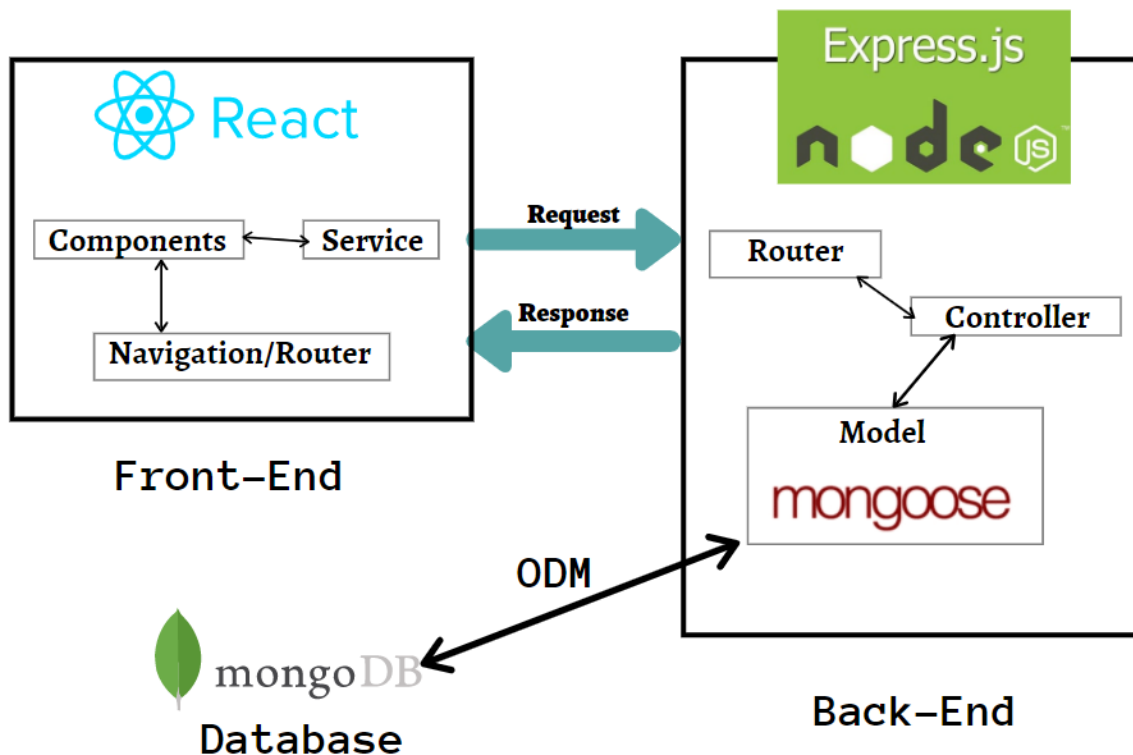
Tech-stack used

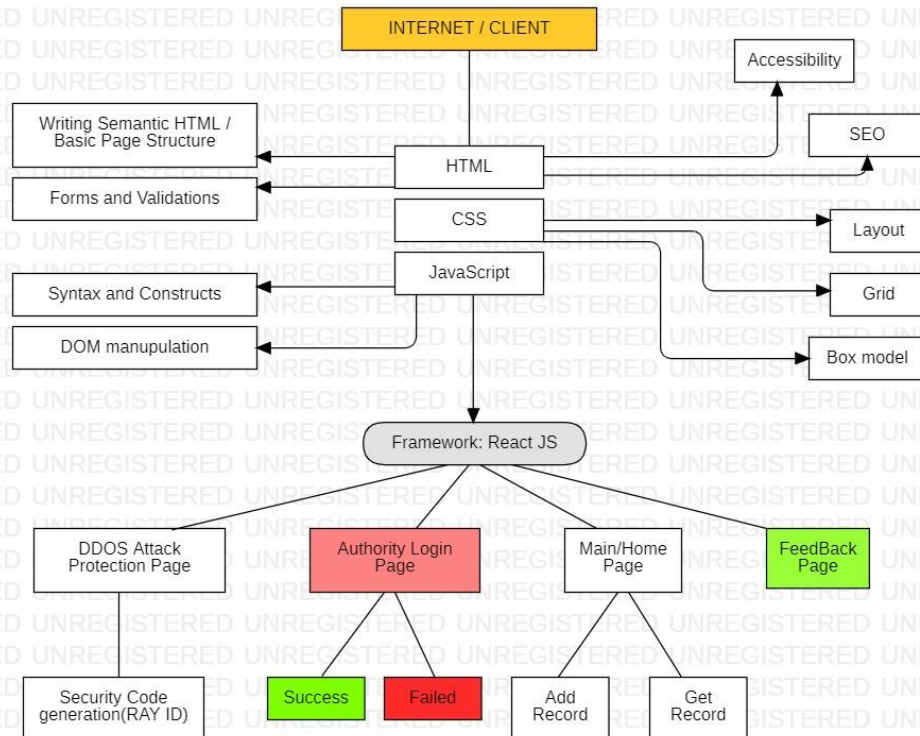
A modern and lightweight tech-stack is an essential factor in determining the winning of a product in the market. So, MERN Stood as the number one choice. MERN stands for MongoDB, Express, React, Node, after the four key technologies that make up the stack.

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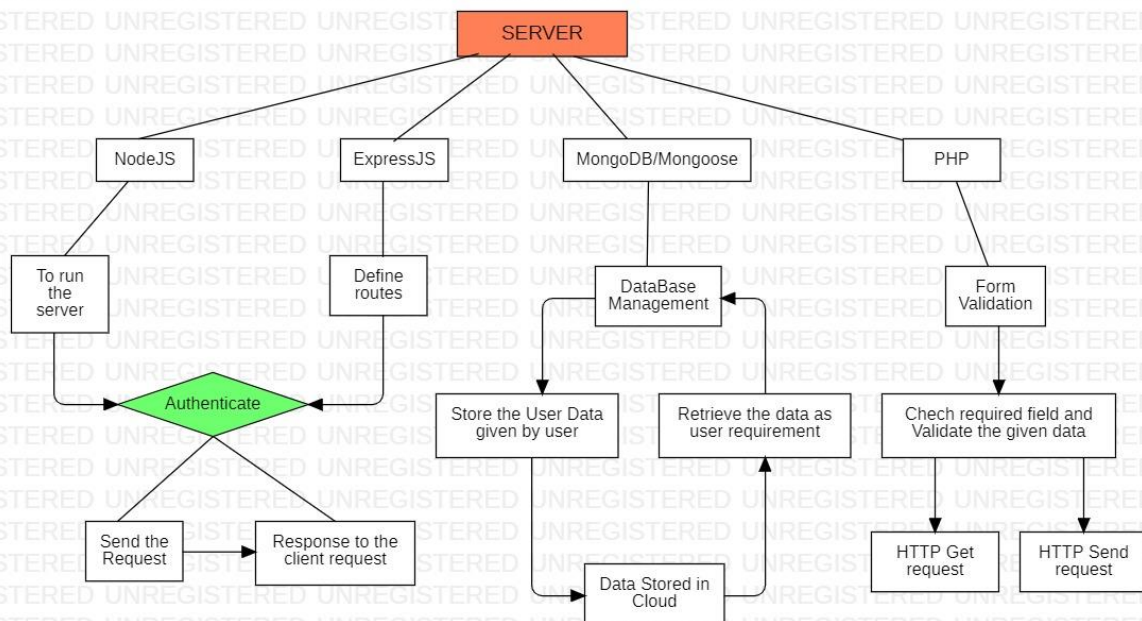
- MongoDB - document database
- Express(.js) - Node.js web framework
- React(.js) - a client-side JavaScript framework
- Node(.js) - the premier JavaScript web server

This project uses up-to-date, relevant technologies to deliver a smooth and efficient user experience.

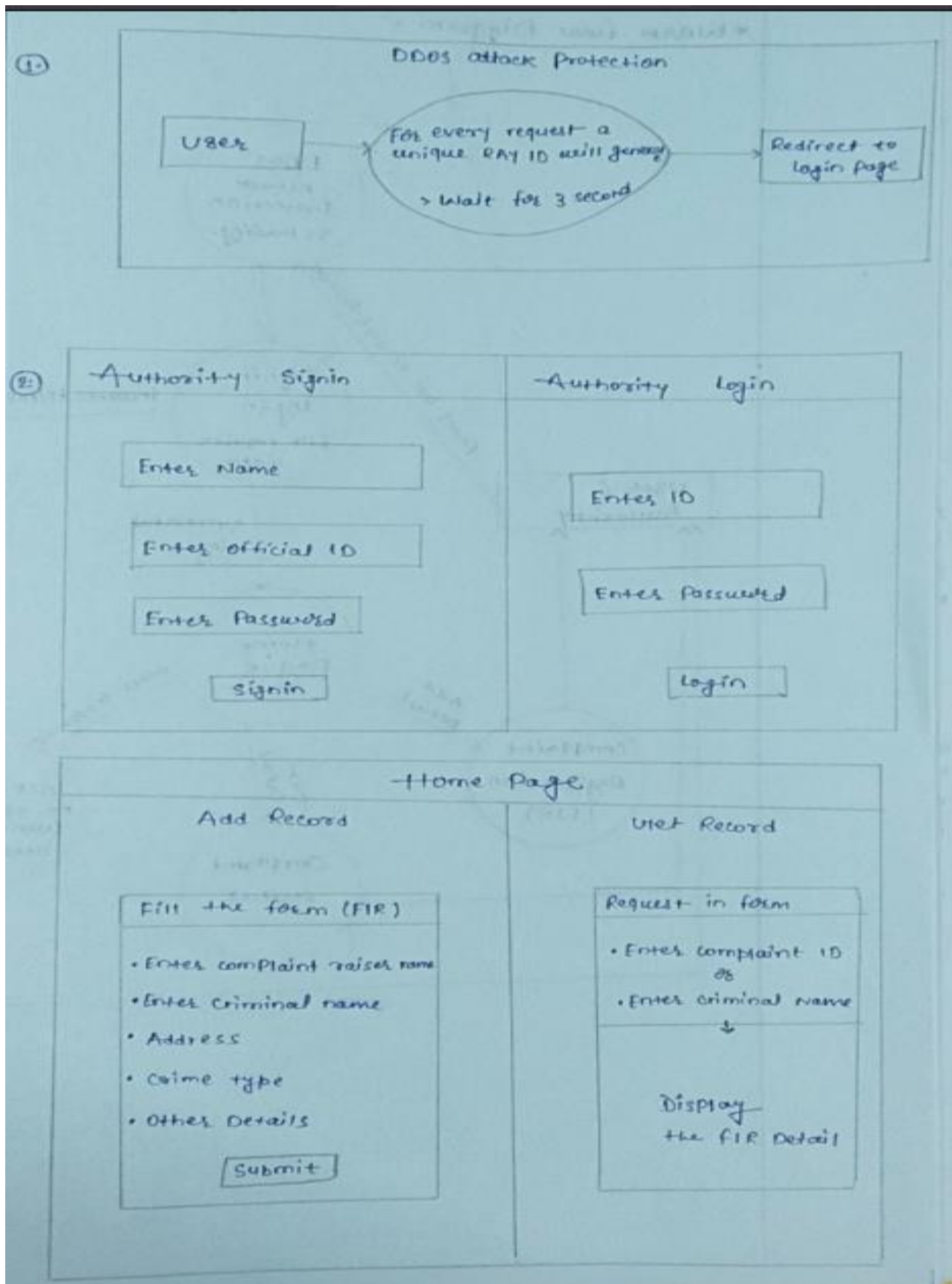




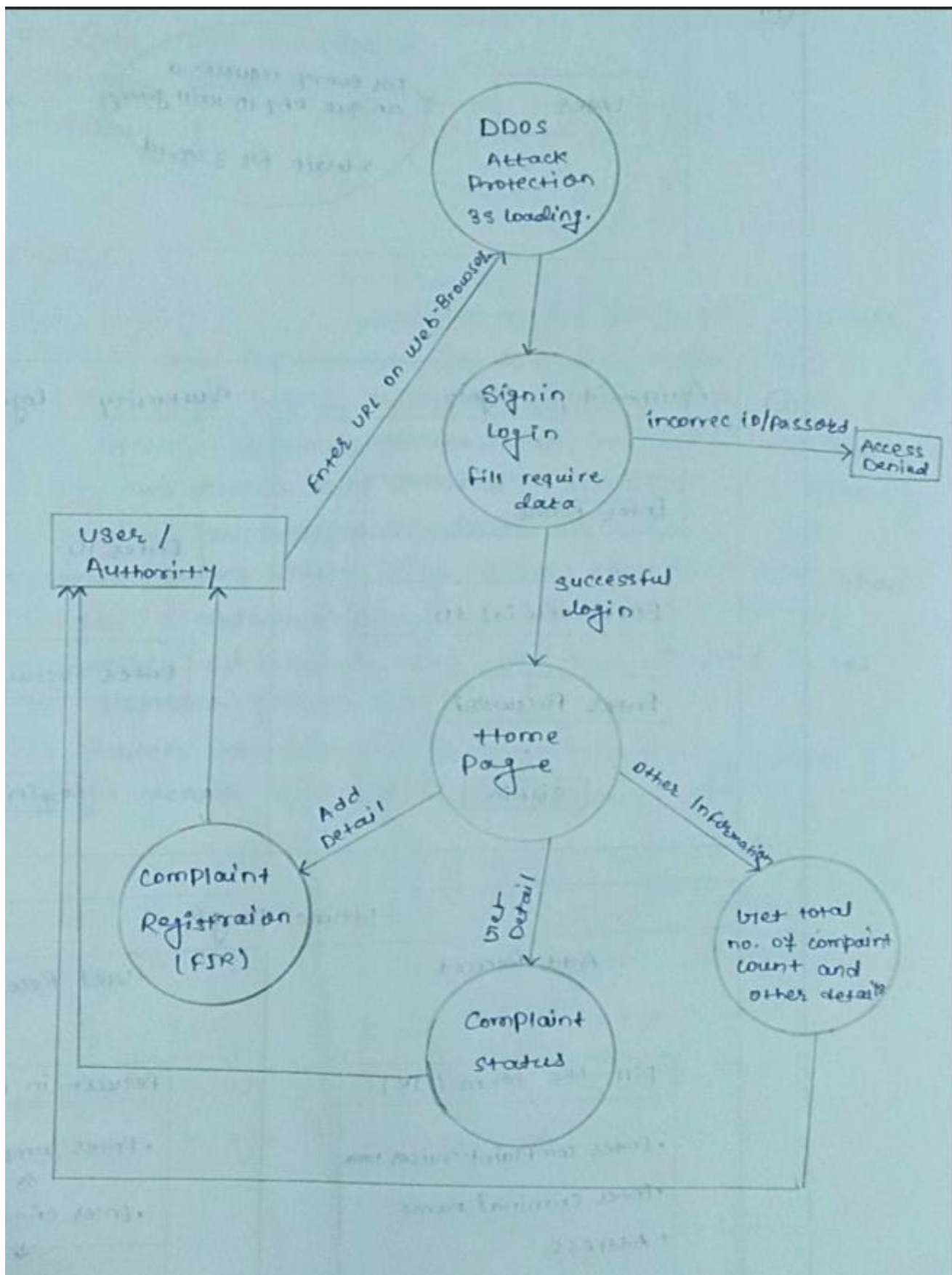
BACK-END



Context flow diagram



User data flow diagram



Admin Data flow diagram