

Project Design Phase-II

Technology Stack

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Project Name: Crime Portal

Use Type	Description	Technology
Frontend (Login/registration page)	To allow the user to register and login.	HTML, CSS, JavaScript
Frontend (Submission form)	Lodging the complaint and submitting the report.	HTML, NodeJS
Frontend (Dashboard)	User can review the complaint status.	NodeJS
Database	Storing the data	MongoDB
ML Algorithm	Classifying the stored data	Python, NumPy, pandas, Scikit Learn, SK Learn
Backend	Admin to access the classified data	NodeJS, ReactJS
Backend	Allowing admin to access main database to find any discrepancy	NodeJS, ReactJS
Backend	Allowing the admin to amend ML Algorithm	Python, NumPy, pandas, Scikit Learn, SK Learn, NodeJS