CRIME DETECTOR SYSTEM

INTRO

Develop a mini project that aims to create a Crime Detection System using SQL Server to manage and analyze crime data efficiently. The system will help law enforcement agencies, researchers, and the general public to access, report, and analyze crime-related information in a user-friendly manner.r

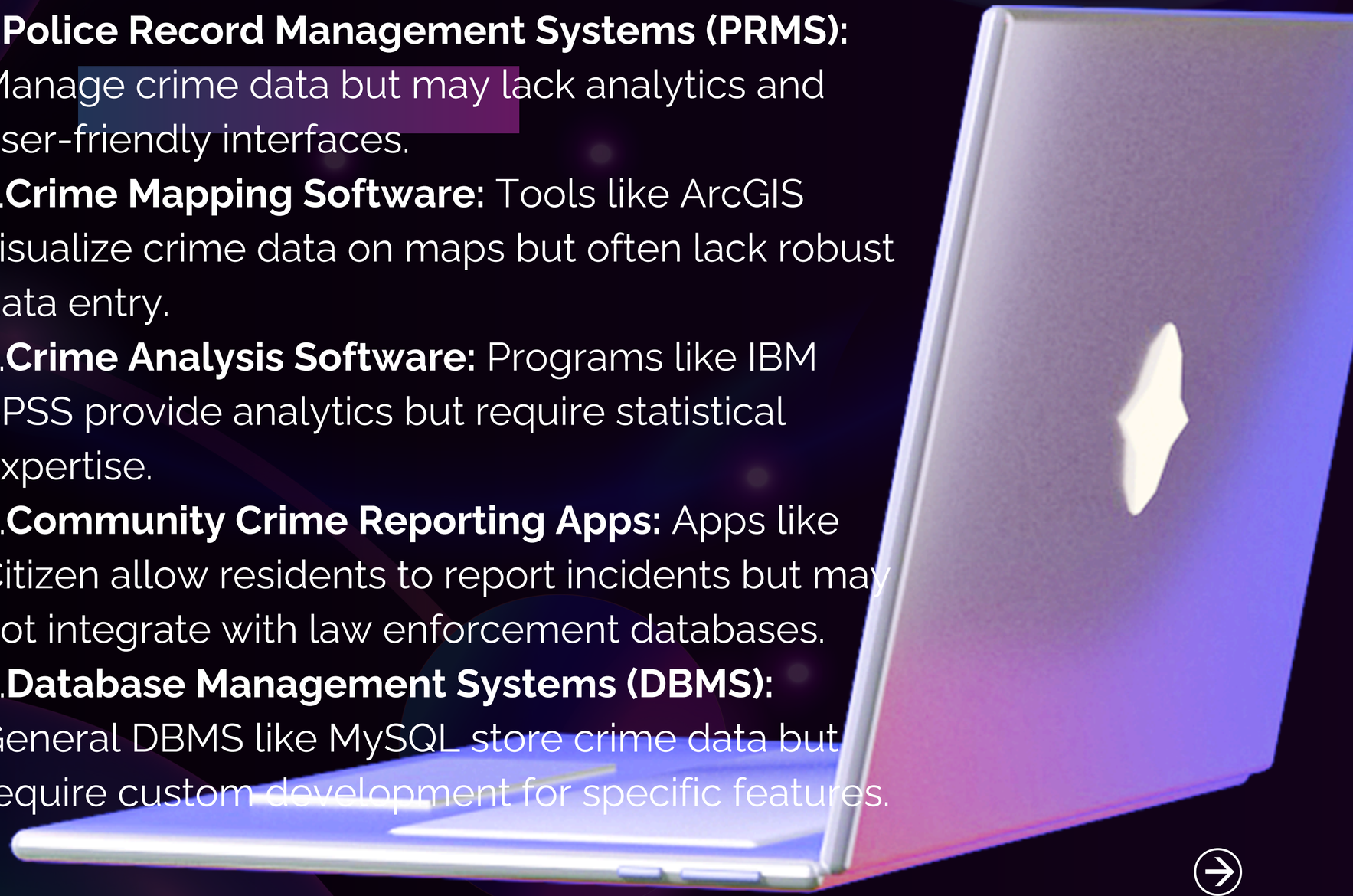
OBJECTIVES

Data entry interface	Data visualization	Testing and quality assurance
Create an intuitive UI for easy crime report submission with validation checks.	- Create visual tools (charts, maps) for understanding crime trends and hotspots.	- Conduct thorough testing and gather user feedback for improvements

STUDIO
SHODWE

EXSISTING SYS

1.**Police Record Management Systems (PRMS):** Manage crime data but may lack analytics and user-friendly interfaces.
2.**Crime Mapping Software:** Tools like ArcGIS visualize crime data on maps but often lack robust data entry.
3.**Crime Analysis Software:** Programs like IBM SPSS provide analytics but require statistical expertise.
4.**Community Crime Reporting Apps:** Apps like Citizen allow residents to report incidents but may not integrate with law enforcement databases.
5.**Database Management Systems (DBMS):** General DBMS like MySQL store crime data but require custom development for specific features.

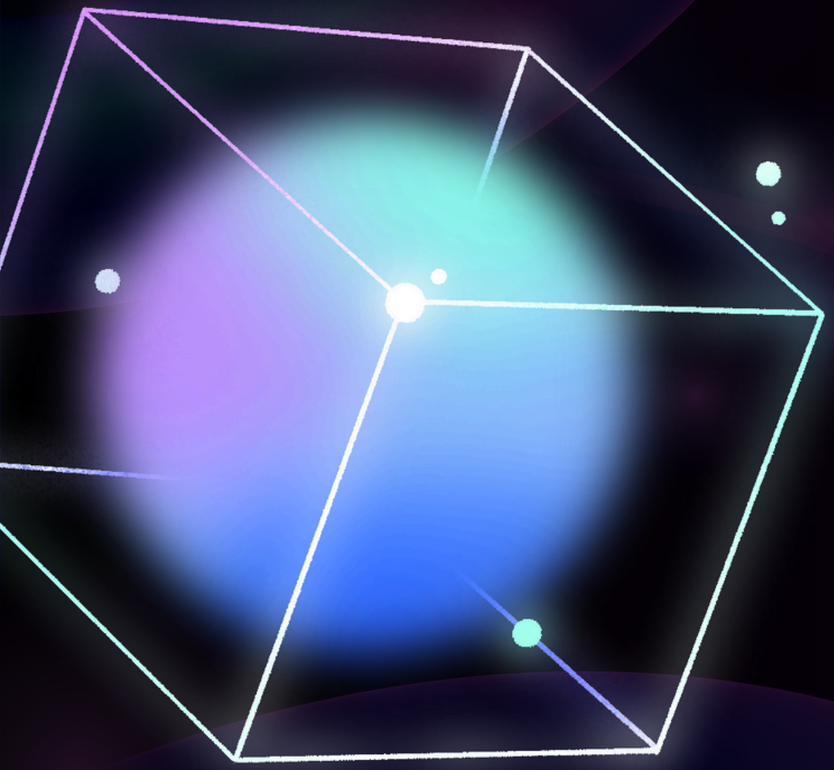


PROPOSED SYS.

Overview: The proposed Crime Detector System aims to provide a comprehensive, user-friendly platform for managing, analyzing, and reporting crime data. It will leverage SQL Server for data management and include features for data entry, retrieval, reporting, and visualization.

u**Technology Stack**

- **Backend:** SQL Server for database management
- **Frontend:** Visual studio or a similar framework for the web interface
- **Languages:** C# or Python for backend logic; HTML/CSS/JavaScript for frontend development
- **Visualization:** Libraries like Chart.js or D3.js for data visualization



ABSTRACT

The proposed system focuses on Crime Records Management for all police stations across the country. It aims to centralize Information Management in Crime for efficient sharing of critical information across all stations. The system will initially be implemented across cities and towns, but will eventually be interlinked to allow police detectives to access information across all records in the state

The system will also generate information for proactive and preventive measures against crime. The project is designed with a distributed architecture, centralized database storage, and a user interface using SQL server constructs and DOT Net technologies. The application handles various modules and associated reports, adhering to administrative staff's strategies and standard

CONCLUSION

The proposed Crime Detector System aims to improve law enforcement's efficiency by offering a centralized, user-friendly platform for crime data management and analysis.

THANK YOU!

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