INDIRA

Indira College of Engineering & Management,
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Department of Master of Computer Applications

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Project group No or Individual–
Title – "AlertNet: Police Alert and Reporting System for Lost and Wanted Individuals"

Group members or Individual: –

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Project Guide: -   Prof. Tejas Pawar
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Abstract: –
"AlertNet: Police Alert and Reporting System for Lost and Wanted Individuals" is an innovative web platform designed to improve public safety by creating a streamlined communication channel between citizens, police, and administrators. Citizens can report incidents, view alerts, and receive notifications, while police officers broadcast alerts, analyze reports, and manage cases. Administrators ensure system efficiency through user management and activity monitoring. Built with React.js for the frontend, Spring Boot for the backend, and PostgreSQL for database management, the system ensures scalability, security, and reliability. AlertNet aims to foster a safer society through real-time, collaborative interactions.

Working Principle: -
AlertNet functions by integrating users (citizens, police, and admins) into a unified platform. Citizens submit reports and view alerts, while police handle case management and create alerts for emergencies. Admins monitor user activities, system health, and ensure compliance. Real-time communication is enabled through notifications and secure JWT authentication for authorized access.

Advantages: -
1] Bridges the gap between citizens and law enforcement for quicker responses.

2] Provides timely alerts for emergencies, improving public awareness.

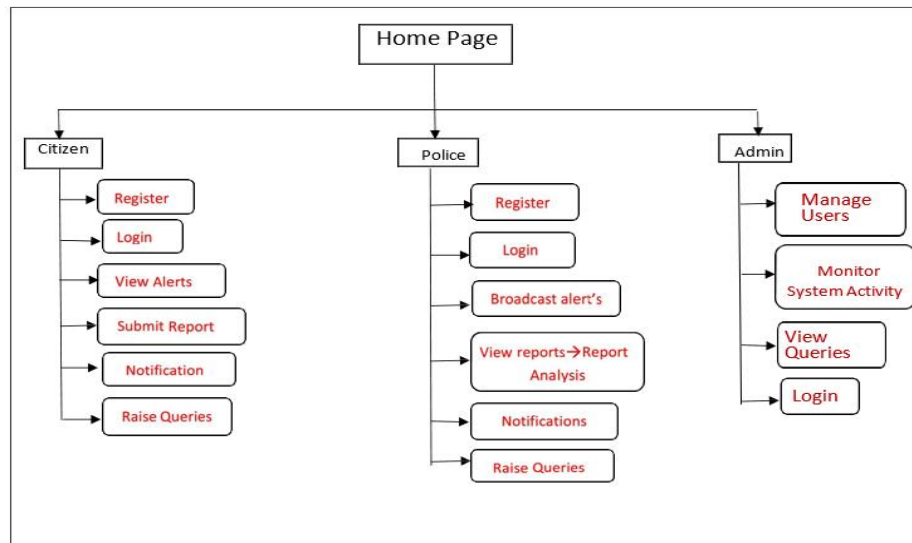3] Offers a single platform for managing reports, alerts, and user activities.

Limitations: -

1] Requires a stable internet connection for real-time updates.

2] Focused primarily on specific public safety scenarios.

3] Effectiveness depends on widespread use by citizens and law enforcement.

Applications: -

1] Aids in broadcasting missing person alerts, wanted criminal notices, and warnings.

2] Allows citizens to report suspicious activities and crimes anonymously or directly.

3] Keeps the public informed about local threats and emergencies.

Project Site Map: -

Conclusion: -

"AlertNet: Police Alert and Reporting System for Lost and Wanted Individuals" demonstrates how technology can bridge the communication gap between law enforcement and the public. By providing a secure, efficient, and user-friendly platform, it enhances the ability to address safety concerns and build a connected, aware, and safer community. Its modular architecture and scalability make it adaptable for broader applications in public safety and emergency management.

Prof. Tejas Pawar   **Dr. Dhanashree Pisal**   **Dr. Darshana Desai**
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