A

PROJECT REPORT

ON

"Police Duty Scheduling"

Submitted in partial fulfillment for the award of

Post Graduate Diploma in Advance Computing

(PG-DAC) from

INSTITUTE OF EMERGING TECHNOLOGIES

Authorized Training Centre

Under the Guidance of

Mrs. Sampada Tarare

BY

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CERTIFICATE

This is to certify that the project report entitled **"Police Duty Scheduling"** is a bonfire work carried out by **Shubham Lokhande, Saurabh Khartude, Rohit Shende,Jai Patankar, Shailesh Patil** and submitted in partial fulfilment of the requirement for the C-DAC ACTS, DAC course in Institute of Emerging Technology in the batch of September 2023.

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ACKNOWLEDGEMENT

This project **"Police Duty Scheduling"** was a great learning experience for us and we are submitting this work to Advanced Computing Training School (CDAC).

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Abstract

The Police Duty Scheduling System is a project designed to streamline and automate the process of scheduling police officers within law enforcement agencies. Efficient management of police duty schedules is critical for maintaining public safety, ensuring proper coverage, and preventing officer fatigue. This project focuses on developing a user-friendly and efficient system that leverages technology to simplify the scheduling process, taking into account various factors such as officer availability, preferences, and organizational requirements.

The system was developed using an agile software development approach, which allowed for iterative development and continuous feedback from stakeholders. The project team used various tools and technologies such as Java EE, MySQL, ReactJS, JavaScript, and HTML/CSS to build the system.

The project report provides a detailed overview of the system's design, development, testing, and deployment processes. It also discusses the challenges faced during the project and the lessons learned, along with recommendations for future improvements. Overall, the project report serves as a valuable resource for businesses looking to streamline their duty scheduling operations and enhance police experience.

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