



SRI SHANMUGHA[®]
COLLEGE OF ENGINEERING AND TECHNOLOGY

TRAFFIC MANAGEMENT

Presented by,

ABINAYA R

ARUNA N

MALAVIKA V

III-ECE

Objective

- Red signals for pedestrians usually coincide with green signals for vehicles, indicating that it's a time when vehicles have the right of way.
- By waiting for the green signal, pedestrians reduce the risk of getting hit by oncoming traffic.
- These project is used for people crosses the traffic rules.

Empathize

important to empathize with the needs of both pedestrians and drivers in traffic management. Coordinating red signals for pedestrians with green signals for vehicles helps ensure safety by reducing conflicts at intersections and encouraging pedestrians to cross when it's safer. This project aims to promote adherence to traffic rules for the safety of everyone on the road

Ideate

Advanced Sensors: Incorporate advanced sensors and cameras to detect both pedestrians and vehicles, optimizing signal timings based on real-time traffic conditions

Education and Awareness: Implement an educational campaign to inform people about the benefits of following traffic rules and the importance of waiting for green signals when crossing the road.

Prototype

It sounds like you're describing a traffic management project prototype that aims to improve safety for pedestrians by synchronizing traffic signals. If you have any specific questions or need assistance with any aspect of this project, please feel free to ask, and I'll be happy to help

IOT Sensor design

It sounds like you're working on a traffic management project using IoT sensors. Designing a system where red signals for pedestrians coincide with green signals for vehicles is a good safety measure to ensure that pedestrians only cross when it's safe. If you have any specific questions or need assistance with the technical aspects of the project, feel free to ask, and I'll do my best to help

Real time transit

A real-time transit traffic management project that coordinates red signals for pedestrians with green signals for vehicles can indeed enhance safety by ensuring that pedestrians cross the road when it's safe to do so. This synchronization helps reduce the risk of accidents and encourages people to follow traffic rules. It's an effective way to improve road safety and manage traffic flow efficiently

Thank You