ABSTRACT:

In response to the escalating challenges of urban traffic congestion, our IoT-based Traffic Management project introduces a comprehensive solution harnessing the power of the Internet of Things. By deploying a network of strategically positioned sensors, real-time data analysis, and adaptive traffic control, our system optimizes traffic flow, mitigates congestion, and enhances road safety. With an emphasis on real-time emergency response, user-friendly interfaces, and data-driven decision-making, this project represents a significant step towards creating smarter and more efficient urban transportation networks, ultimately fostering sustainable and livable cities for the future.

FLOWCHART: