

## **NATION FLEET: A WEB-BASED TRANSPORT MANAGEMENT SYSTEM FOR SMALL-SCALE LOGISTICS**

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### **ABSTRACT**

Efficiency in the logistics sector directly impacts economic health, yet a stark digital divide persists. While large corporations optimize their operations with expensive software, small-scale transport operators are often left behind, managing their finances and fleets with outdated manual methods. This paper introduces Nation Fleet, a prototype for a web-based Transport Management System (TMS) built to address this very problem. We designed Nation Fleet to be an accessible, data-focused tool that helps small businesses streamline their operations. Built on a modern technology stack—React.js, Node.js with Express, and Mongo DB—the system delivers the essential features for logistics management: detailed trip and expense tracking, a central database for vehicles and drivers, a real-time financial dashboard, and simple data export tools. Our focus was on creating a scalable, secure, and user-friendly platform that gives small transport companies the digital tools they need to improve efficiency, boost profits, and make smarter, data-driven decisions.

**KEYWORDS:** Logistics Sector

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