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Fastag Scanning using Drone

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Abstract: Report proposes the use of drones for Fastag scanning at toll plazas, aiming to revolutionize toll collection systems and improve traffic flow efficiency on national highways. The integration of drones offers real-time scanning capabilities and eliminates manual errors, focusing on efficiency, accuracy, and user experience improvement. The organizational structure includes specialized teams for technical development, infrastructure adaptation, data management, regulatory compliance, training, and public relations. A literature survey highlights the need for advancements in toll systems, and detailed component lists provide insights into the technical aspects of implementation. The report concludes with a summary of the benefits of the proposed system, while highlights its relevance in real-world scenarios.

Keywords: Fast Scanning, Drones, Toll Plazas, Traffic Flow, RFID Technology, Efficiency, Innovation, Real-Time Monitoring System

