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**Ecommerce Assignment MSc Research Projects**

**TRAFFIC SURVEILLANCE THROUGH TRANSPORT INTEGRATED MANAGEMENT SYSTEM IN KENYA**

**Abstract**

Robust and reliable traffic surveillance system improves traffic control and management. Vehicle flow detection is an important part in surveillance system. The traffic flow shows the traffic state in fixed time interval which helps to manage and control traffic jam. TIMS which is and e-government initiative in Kenya facilitates registration of new vehicles and storing details of the owner. The traffic surveillance will rely on the data stored in the TIMS. It will take images of the vehicle violating traffic rules and query form the database to determine the owner of the vehicle. The vehicle owner will receive a message of the committed offence and charged instantly through mobile payment platform. Vehicle owners will be vigilant on the traffic rules.

**INTEGRATING BUSINESS INTELLIGENCE IN DIGITAL COMPANY REGISTRY**

**Abstract**

The Digitization of the Company Registry enhances scanning of company documents and data entry. The data captured facilitates easy online search of company names and information increasing transparency and much faster access to company registry services. This process is done remotely reducing the need for a physical visit. Bi will analyze the number of registered companies, enable data reporting and present the data in a statistical view. The information will be used by users to select unique company name with instant feedback of the search result. The search result will be represented in statistical view with the amount to pay for different business type.