

**UNIVERSITY**

**SCHOOL OF PURE AND APPLIED SCIENCES  
DEPARTMENT OF INFORMATION TECHNOLOGY**

**ONLINE TRAFFIC MONITORING SYSTEM :**

(Case study Kenya Traffic Police)

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## **Abstract**

The main aim of coming up with this system is to help reduce the number of road irregularities, road accidents and traffic offences in Kenya. This is a big challenge facing the Kenyan traffic police force and also a challenge to the Government. The SafeDrive system will help the traffic police to monitor the notorious and careless drivers in Kenya roads. The system will capture the details of the driver or the vehicle found with the offence, the type of the offence, date committed and the location. The collected information collected can be used by Kenya Revenue Authority when renewing of driving licenses. The drivers who appear to be careless by having committed several offences can have the licenses terminated or be required to pay a fine before his or her license is renewed. Also the vehicles found with several offences can be banned from operating till they comply with the laws they have broken. This information will be be very useful during vehicle inspection activity.