

Vehicle Theft Investigation Assistance System

Prasanna Kumar, Shekshavali, J. Ayesha Banu, Mohammad Sufiyan

Department of Computer Science and Engineering

Rao Bahadur Y Mahabaleswarappa Engineering College, Bellary, Karnataka, India

Abstract: A Vehicle Theft Investigation Assistance System is an embedded system installed in vehicle to enable the vehicle tracking based on the location and smart user auto-authentication. This project propose to design a Vehicle theft investigation assistance system, which work using GPS,GSM, Camera module and cloud technology which aids to track and investigate theft vechicle.It is an embedded systems used for tracking, positioning and owner authentication by face recognition techniques. The crucial data will stored/fetched to cloud, for further cloud data can used for Vehicle theft investigation in real time.

Keywords: Vehicle Theft.

REFERENCES

- [1] R. N. Nemade and S. S. Wadhai in 2021: This paper proposes a vehicle security system that uses IoT and neural network technology. The system includes a GPS module, an accelerometer, a Wi-Fi module, and a neural network algorithm.
- [2] M. A. Bhat and S. M. Shah in 2014: The paper proposes a real-time vehicle tracking and anti-theft system that uses GPS and GSM technology. The system includes a GPS module, a GSM module, and a microcontroller.
- [3] G. B. Joshi and V. P. Rathod in 2015: The paper proposes a vehicle theft prevention system that uses GPS and GSM technology. The system includes a GPS module, a GSM module, and a microcontroller.
- [4] S. S. Mali and S. P. Mali in 2016: The paper proposes a vehicle theft detection system that uses GPS and GSM technology. The system includes a GPS module, a GSM module, and a microcontroller. The authors also discuss the design and implementation of the system.
- [5] N. T. Thanh and N. T. Thuy in 2017: The paper proposes a smart vehicle anti-theft system that uses GSM and GPS technology. The system includes a GPS module, a GSM module, and a microcontroller. The authors also discuss the design and implementation of the system.
- [6] P. R. Karale and A. M. Kadam in 2018: The paper proposes a vehicle tracking and anti-theft system that uses IoT and cloud computing technology. The system includes a GPS module, an accelerometer, a Wi-Fi module, and a cloud server.
- [7] R. N. Nemade and S. P. Jagtap in 2018: The paper proposes a smart vehicle security system that uses IoT and machine learning technology. The system includes a GPS module, an accelerometer, a Wi-Fi module, and a machine learning algorithm.