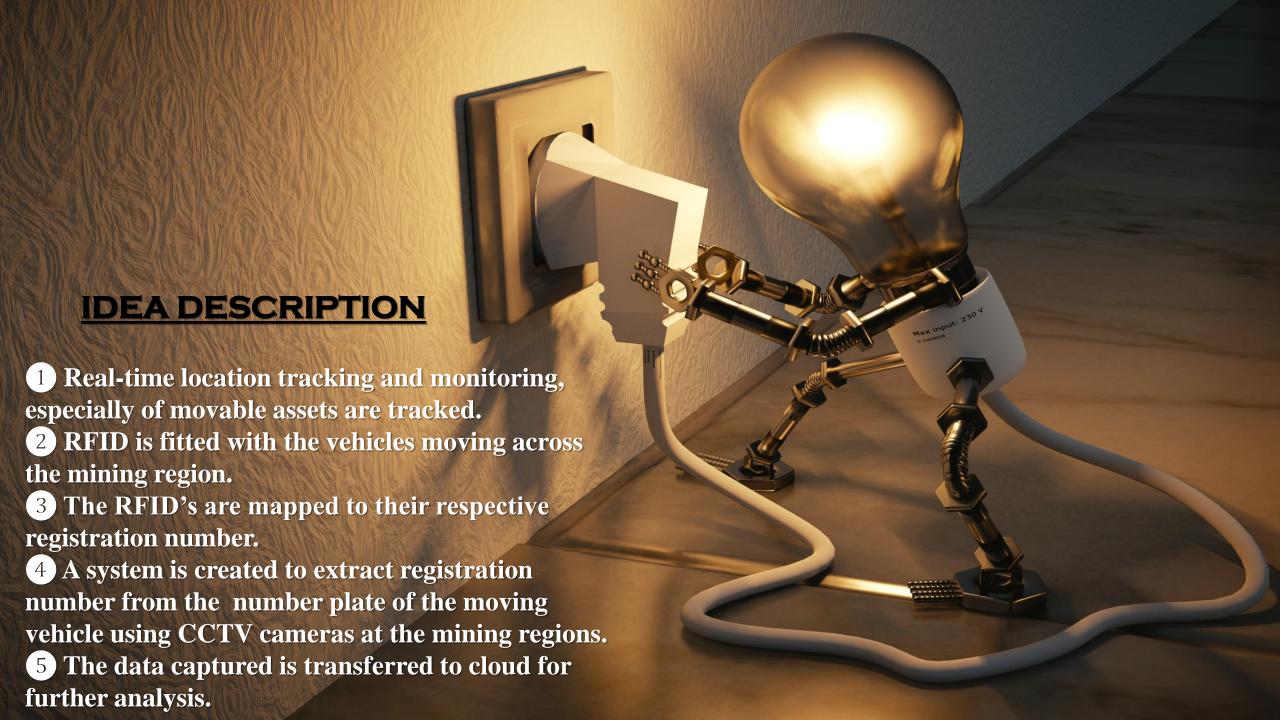


#### **ABSTRACT:**

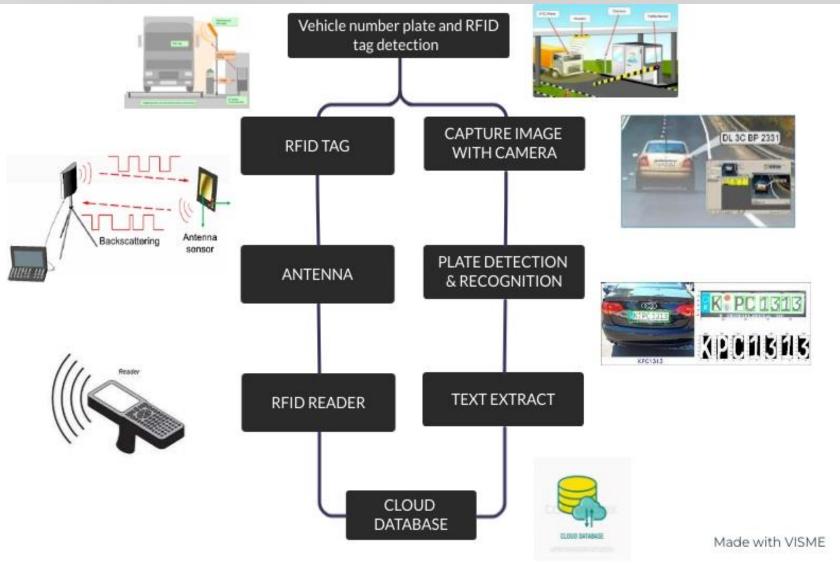


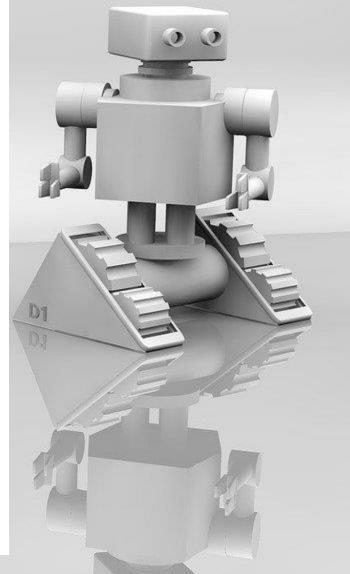
An intelligent coal mine security system using data acquisition method utilizes sensor, automatic detection, communication and micro controller technologies to realize the operational parameters of the mining area. This system implements real-time monitoring and displaying data undermine queries. The research development and promote application will provide the safeguard regarding the mine pit control in accuracy, real time capacity and has high reliability. To create an anti-theft auto security system that can extract registration number from number plate of moving vehicle. And can capture and transfer data to cloud, which can be available for further analysis of theft or proof reading. This helps us to track the real-time location and monitoring, especially of moveable assets such as the vehicle fleet transporting the coal. Tracking pickups and deliveries of thousands of truck-loads moving daily to and from various locations inside mining areas to processing plants, rail wagons or jetties is a logistics nightmare.



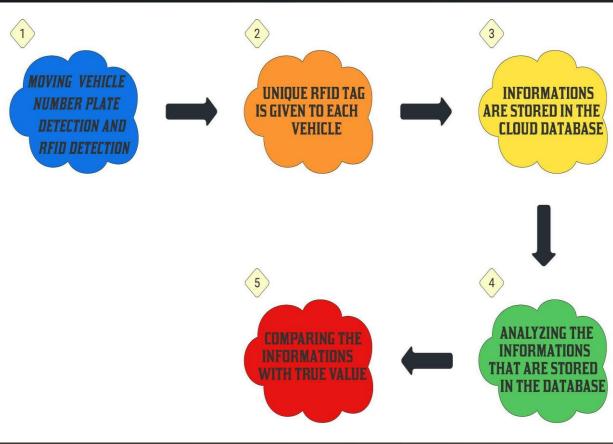


# TECHNICAL STACK





### **USE CASE**







# **DEPENDENCIES**

- CCTV Camera
- Strong internet connections
- RFID READER(INTERROGATOR)
- RFID TAG

# THANK YOU

