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Prevention of Theft, Accidents and providing Insurance using Cloud

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Abstract:--

As the existing system made up of the anti-lock braking system, airbags, electric windshield wiper and speed governing systems, inflatable seatbelt which does not afford the adequate safety. Our main agenda is to design a product introducing the mobile communication into the embedded system with the help of GPS tracking in order to prevent theft and accidents. Preventing accidents refers to activities designed to foresee and avoid accidents. Various sensors are together the data and store in the cloud. The cloud platform is been used to analyse the data which is taken from the vehicle and provide the status of the vehicle. Also, the claiming of insurance is a tedious process as it checks the information from the report prepared by the police and estimate the status of damage. Therefore, the data can be accessible to the user himself with the service centre and to the insurance company.

Keywords:

ARM 7 controller, sensors, GPS, GSM

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