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(57) Abstract :

The present disclosure pertains to a system 100 for detecting an accident and immediately reporting the accident to nearby hospitals, police stations and concerned person. The system 100 includes one or more sensors 102 located inside the vehicle to sense one or more parameters of the vehicle, and a location identifier 104 for determining real-time location of the vehicle. Upon detection of accident by analyzing the received parameters, a first processing unit 106 notify a centralized server 110 that further instruct a UAV to reach to the location of the accident with a first aid kit, and the UAV capture images of the accident. The captured images are analyzed using to evaluate severity of the accident, and correspondingly an emergency vehicle i.e. ambulance is transmitted to the location with required medical equipment.

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