**INTEGRATING GOOGLE MAPS AND GPS IN VEHICLES FOR SMART**

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***Abstract:*** Google maps play an important role in present day technology and used by every person in their life to travel different places.Google maps navigation is a mobile application developed by Google. The application uses an Internet connection to a GPS navigation system to provide turn-by-turn voice guided instructions on how to arrive at a given destination. The maps are presently used in mobiles. As we have GPS devices for bikes, we are going to introduce the Google maps with GPS tracker in it. And the speedometer is replaced with the screen in every vehicle so that one can easily look at the maps. It has ability of voice-listening along with smart control of the turning light indicators of the vehicle automatically. This device provides a [route planner](https://en.wikipedia.org/wiki/Route_planning_software) allowing users to find available directions through driving in their vehicle in convenient manner. By integrating this device for every vehicle the user need not use a smart phone for operating Google maps.As the government announced that panic buttons and GPS device are mandatory for every public vehicle on a similar basis we would like to make navigation easy by integrating Google maps with GPS tracking in every vehicle at a lower cost. This device can be used for two-wheeler and three-wheeler as they cannot handle smart phones while they are driving.