ABSTRACT

"ClearNav," a revolutionary app designed to transform your driving experience by crowdsourcing information about potholes and deteriorating roads. Users can easily upload the locations of road imperfections, creating a comprehensive database that serves as a real-time navigation aid. As you approach reported areas, ClearNav employs cutting-edge geolocation technology to send instant alerts, ensuring you are prepared for potential road hazards. The app promotes community collaboration to enhance road safety, enabling users to contribute to the collective well-being of drivers. ClearNav's intuitive interface and seamless integration with navigation systems make reporting and receiving alerts effortless, fostering a safer and smoother journey for everyone on the road. Say goodbye to unexpected bumps and enjoy a more informed, stress-free driving experience with ClearNav - your trusted companion for navigating the streets with confidence.

Keywords: Google Maps API, Database, Geolocation, Markers, Crowd-Sourcing.