**ON-ROAD VEHICLE BREAKDOWN ASSISTANCE SYSTEM**

**ABSTRACT**

*It is difficult to find mechanics nearby wherever you are travelling, the main objective is to provide a better service and to make the process easy in searching for a mechanic quickly. On road vehicle breakdown assistance system is going to be a good solution for the people who seek help in the remote locations with mechanical issues of their vehicle. This system helps to overcome this issue by providing mechanic details in one click. Here the locator allows you to search for legally approved mechanics from different locations. Proposed system is accessed by three entities namely, Admin, Mechanic and User. Admin is allowed to access and manage mechanic details; a mechanic can perform task such as viewing request received from users and can also send feedback to the admin. User can send a request and can appoint a mechanic on respective date-time and update their feedback about the availed services. This research work will be a mobile-based application and will be implemented using flutter for it frontend while Django will be used for the backend and Django REST Framework for it REST-full API, Sqlite3 will serve as the database, the combination of the above technologies forms the programming languages.*