

Project DriveQ

A fine Restful API for the current ride sharing enterprises to improve their driver quality with the help of notification messages . We have implemented a few features which will ensure the comfort of the passenger and evaluate drivers to increase their service.

Key Features

- **The Completion Rate**

Riders/Drivers will get requests basing on their accepted and cancelled rides. The higher their acceptance rate are the more requests they will get.

- **Rogue Driver Detection**

Passengers will have their comfort speed level set in their profile and the driver is not supposed to cross that speed during the trip , we will check the speed of riders via gps positioning which will be integrated in the rider mobile Application. Basing on that we will increase the warning level of the driver if he had violated the limit of speed. The driver will be notified at the end of the trip.

- **Banning Reckless Drivers**

Drivers who have a warning level of a certain limit will be banned. Moreover they will not be able to Register as a new rider. The ban will be applied on their NID, Vehicle Number and Mobile Number. Since it will be hard Re-register , the rogue drivers are bound to follow the speed limit.

- **Reward Points for the Goodies**

Drivers who will not get any warning message for their last 10 trips they will be rewarded an amount of Points. With these points they can redeem facilities. For example, They can keep fare for the upcoming 5 rides by using 100 points. It means they will not have to share anything with the company for those 5 rides only. With this feature , they will be highly encouraged to improve their service.

- **New Driver Registration**

Drivers will be able to register with their Name, Phone Number National ID card and Vehicle Number.

- **Driver Information**

Passengers will be able to view Driver's publicly available Informations.

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