

FLEET ESCALE

TECHNOLOGIES USED:

The technologies used in this project are:

- 1.Java(Spring-boot)
- 1.Java script
- 2.Html
- 3.Css

PROBLEM STATEMENT:

To build a web application for admin and android application for the driver of a fleet management company in such a way that the admin could monitor the latitude and longitude of each driver of fleet and store it database from the mobile application.

DESCRIPTION:

Fleet escale is a web application which is designed with regard to the admin of the fleet management company. Constraints included in the web application:

DASHBOARD

- 1.Active fleet monitoring - where the admin will be able to monitor the live location of assigned fleet for every second. and store the latitude and longitude in the database.
2. Driver's-List - Every driver who is newly added must be entered through this driver table so as to maintain the list of drivers. On clicking "add" button after entering the sufficient details of the driver.
3. Fleet-List - In the fleet info the assigned fleet number,driver and fleet details will be stored in the database.
- 4.Insurace-details- Here the entire necessary details of the respective drivers and the details are static.
- 5.Servicing- The top notch service providers under the vicinity covered by the admin will be displayed as a static data as and when required
6. Alert system will direct the admin to mail as he gets the email as the alert.

PROFILE:

- 1.Profile- Profile card of the user can be seen.
- 2.Logout

The 4 panels on screen will dynamically show the count of Fleets-Availabe, Fleets-Active, Number of trips made and Places covered.

The fleet monitoring table gives the fleets & drivers under the admin so that they can check the payment status etc.

The progress bar shows the weekly progress consisting profits per week, Issues raised per week and solved per week.

MOBILE APPLICATION FOR FLEET DRIVER(MIT APP INVENTOR):

1. Screen one: Login screen where in the autogenerated credentials will be given to the fleet driver.
2. Screen-2: On login The current latitude and longitude will be stored on the tiny database and the location i.e, Latitude and Longitude is displayed on screen .
3. Screen-3: The Settings screen contains three options 1st option "Alert system" will send an automatic email . Logout button is also included.
4. Screen 4: When the driver clicks on support button he ll be directed to the Support page where in he gets to make a call to a near by repair shop and conce cross check the to address of email.

The mobile app apk and the source code of my code is on the git repository.

SPRING BOOT WEB APP:<https://github.com/Tangirala20/vmwarefleetproject>

MOBILE

APP:<https://github.com/Tangirala20/Mobile-application-for-fleet-vehiclemananagement>

THANKS FOR THE OPPORTUNITY.