TRAFFPORT

*EVERY CITIZEN CAN BE A TRAFFIC CONTROL HERO!!*

**PROBLEM STATEMENT:-**

In this rapid increase of population and urge to be present on time, traffic is the huge problem faced by people in metro cities in India. People uses public transport and private vehicles too by which the no of vehicles increase at peak hours which ultimately results with huge traffic by which people also get aggressive.

Though there are traffic control and monitoring team to monitor it throughout a day but it’s really difficult task to look up on everything at a time they can control this up to certain extent. However, the main responsibilities lie on individual.

In current situation, the traffic control team uses Closed-circuit television (CCTV) to capture the traffic area and people with flouting traffic rules. There are some people who doesn’t obey the rules and due to which other peoples also face the problems and along with this they have to control the city traffic too. It is difficult for them to keep an eye on both the activities at a time.

Also, it is practically impossible for them to be physically present at all the places and handling the situation at a time. It’s the responsibility of every individual in country to respect and obey the traffic rules which is made for them so that they don’t face any kind of problem and also contribute their time, patience and sincerity towards traffic rules with traffic control and monitoring team.

**SOLUTION:-**

If by any chance, the users can report incidents of traffic rules violation to the traffic control team, it would definitely reduce the traffic rules violation cases. So, here we are, with the solution.

The application called TRAFFPORT can make the work easier and faster for the traffic control team.

Through this application, users can report incidents of traffic rules violation directly to the traffic control team which will make their work easier. Users can describe the incident, click a photo and submit. The details will be shared with the Traffic control team and further action will be taken by them.

**ADVANTAGES OF APP:-**

* By using the app workload of Traffic Control Team may decrease.
* The App is developed with all security and protection.
* There is no risk of getting entrap in any fake situation.
* It provides the real time data of date and time of the photo accurately.
* This real time data helps to crosscheck and make sure that no wrong data is fed inside.
* By the enaction of this app, every citizen will be able to report the traffic rules violators to the traffic control authority.
* So, the driverss will have this fear in their mind and thus, traffic rules violation will reduce rapidly.

**LIST OF THE SOFTWARES USED:-**

* The app is developed using Flutter framework.
* Dart programming language is used.
* For the Database and Storage Bucket, Firebase is used (Cloud Firestore for Database and Firebase Storage for storage)
* For UI design Figma: the collaborative interface design tool is used.

**LIST OF TASKS AND THEIR START AND END:-**

1. Create user application UI design:-

The UI design was created by Aniket Kumar

Date –

1. Create admin dashboard UI design:-

Admin dashboard UI design is created by Aniket Kumar

Date –

1. Develop user application:-

User application is developed by Sparsh Singh

Date –

1. Develop admin dashboard:-

Admin dashboard is developed by Sparsh Singh

Date –

1. Test both application:-

The testing of both the application is done by All

Date –

1. Write the documentation:-

The documentation part is done by Shalini Pathak

Date - 30/08/2020 to 02/09/2020.

1. Create a presentation:-

The presentation is prepared by Jayshree Patil

Date – 28/08/2020 to 02/09/2020

**DEVELOPMENT DOCUMENTATION:-**

**CONCLUSION:-**