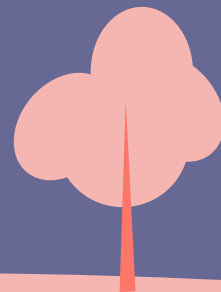
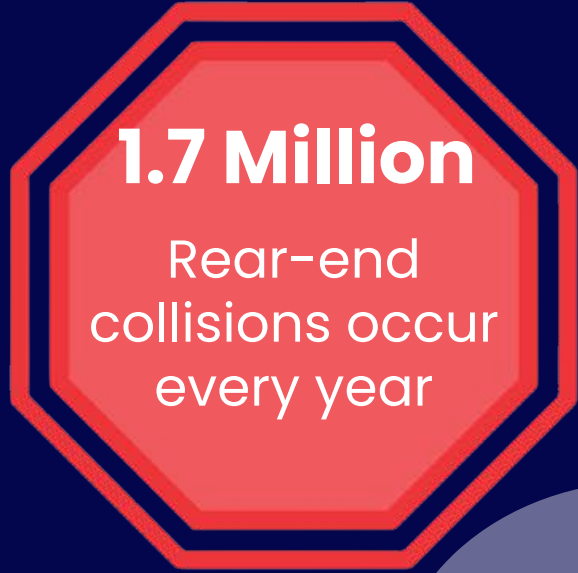




SafeDrive





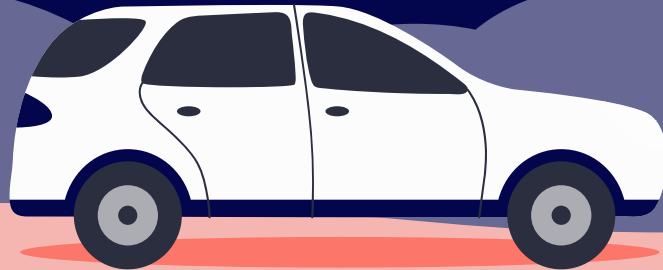


Source: National Highway Traffic Safety Administration (NHTSA)



What is SafeDrive?

An application that
provides drivers with
assistance and
accountability on and
off the road



Meet the Team



Alan
Roybal



Abhinav
Malkoochi



Advay
Chandramouli

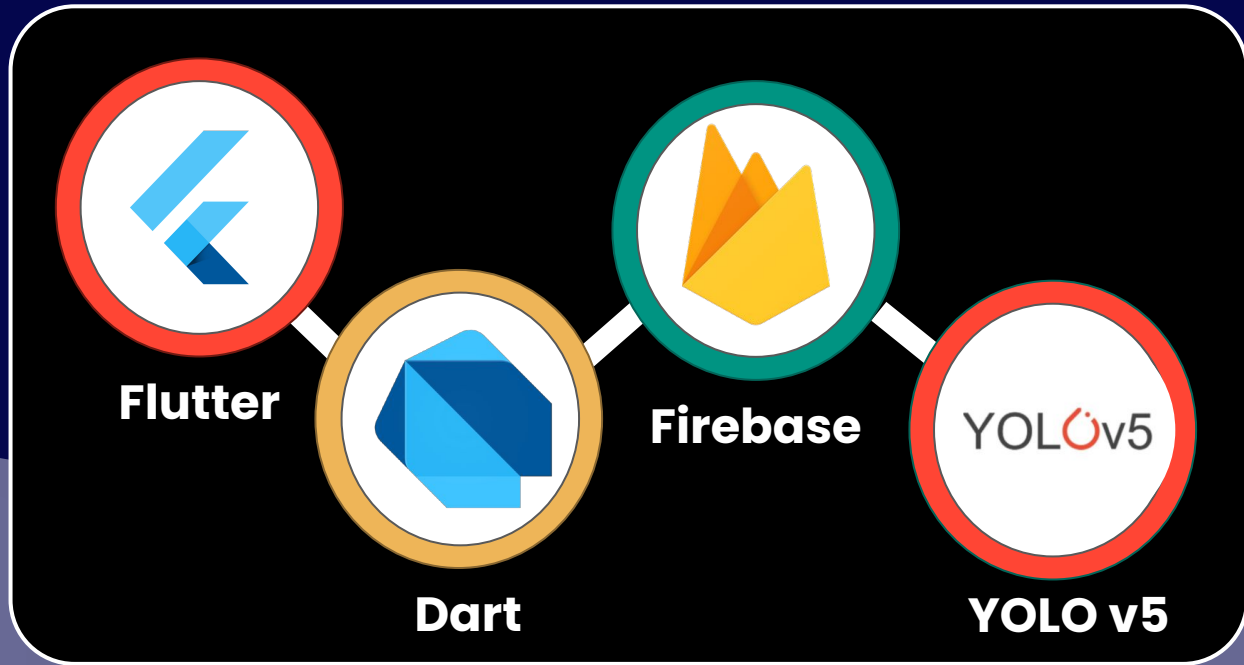


Arvindh Kumar
Kalainathan



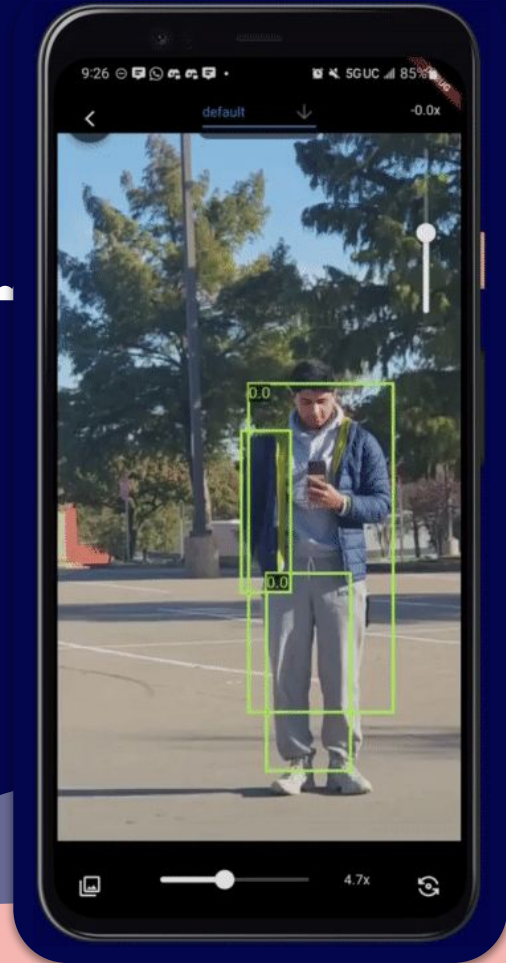
Poojitha
Kommera

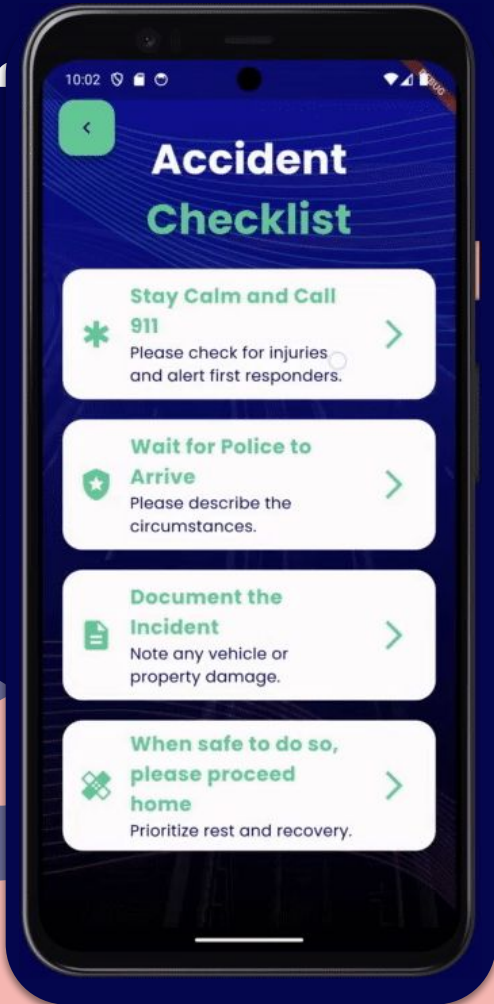
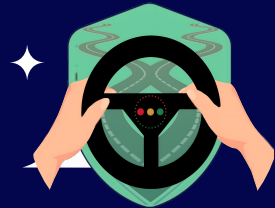
Tech Stack



Camera

Alerts the user of pedestrians or vehicles, using **visual** and **audio** cues





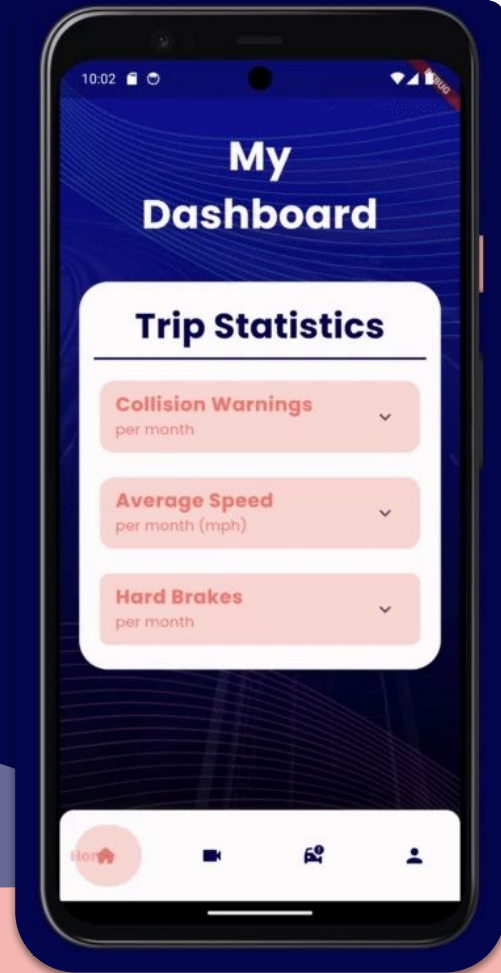
Accident Report

A series of **prompts** to help the user in case of an accident

Statistics

Provides **breakdowns** of:

- Collision Warnings
- Average Speed
- Hard Brakes

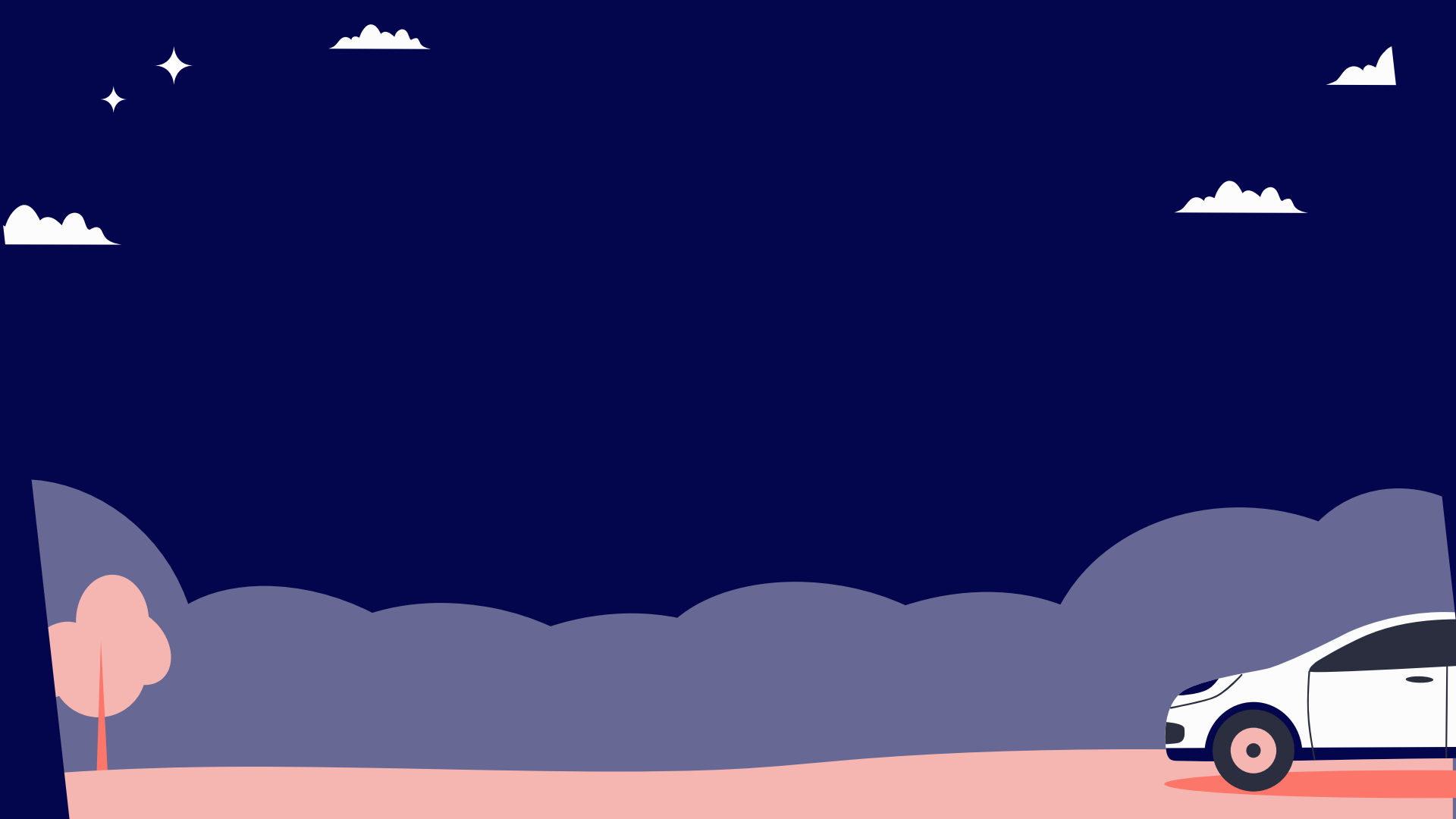


Recorded Demo







A stylized nighttime landscape illustration. The background is a dark blue night sky with white clouds and stars. In the foreground, a dark grey road with white dashed lines runs horizontally. On the left, there is a black silhouette of a house with a chimney. To its right is a large, rounded tree with a pinkish-red canopy and a thin trunk. Further right, a red sports car is driving on the road. In the background, there are rolling hills in shades of purple and blue. On the far right, there is another large, rounded tree with a pinkish-red canopy and a thin trunk, and a red location pin icon. A large white banner with a dark red border is positioned in the upper middle of the scene, containing the text "Live Demo!".

Live Demo!



Competitors

Features	Drive Safe & Save 	DriveScore 	Life360 	SafeDrive 
Track Driving Habits	✓	✓	✓	✓
Accident Reports	✗	✗	✓	✓
Quick & Easy Accessibility	✓	✗	✓	✓
Object Detection	✗	✗	✗	✓



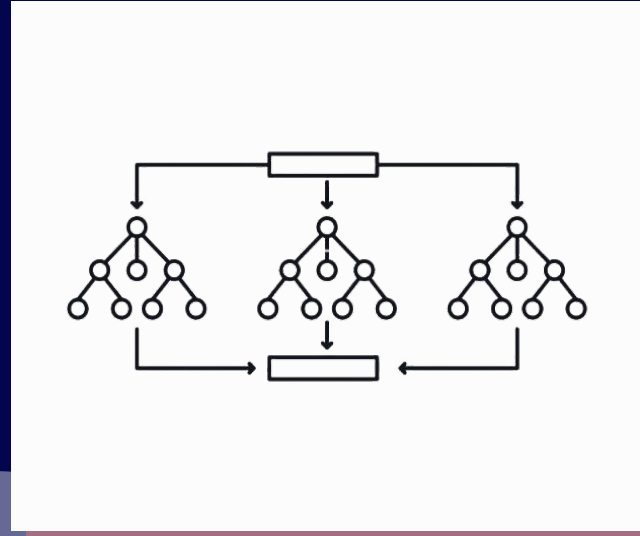
Challenges

Frontend



User friendly interface

Backend



Training the model



Future Implementation



Record the license plate
if there is an accident



Record the last few
seconds if there is an
accident





Stay safe with
SafeDrive!



Thank You!

Project Manager: Abis Naqvi

Industry Mentor: Jeshna Gupta

Team Members: Alan R., Advay C., Abhinav M., Poojitha K., Arvindh
K