

Project Report

Objective:

The objective of our project is to recommend the user to purchase an electronic vehicle or not.

Working:

When the user opens the website, the user enters the index page. The index page has a login module where the user can enter his/her credentials and move forward by logging in for the case of a returning user, whereas the user can sign up by entering the asked details like name, email etc. in case of a new user.

Once the user is done logging in to the website, he then goes through the in-depth details of both electronic vehicles and gasoline/hybrid vehicles. Once the user has a baseline of both the EVs and non-EVs category and has a decent understanding of why one is better over the other, the user then is asked a few questions to get analyzed about their driving requirements and the conditions in which they want to drive.

Furthermore, based on the inputs given by the user, a personalized report is generated for the user stating whether the user should buy an electronic vehicle or not. The team has also used JavaScript and Django to handle the backend for connecting the webpages and used PostgreSQL for handling the database.

My Work:

- 1) Developed index page solely.
- 2) Developed signup page solely.
- 3) Developed about EV and Gasoline/Hybrid vehicles solely.
- 4) Helped in developing logic for customized report generation.

Future Improvements:

As of now, our project can go in a much planned manner and better technologies can be used like Bootstrap, JavaScript to enhance the front-end and enrich the user experience. Whereas, on the backend we could have developed the website in such a way that it gets better and better with time automatically. Besides, the website also remembers the user's previous data that whenever the returning user logs in, their previous data should come up.