I have created a sqlite database in which I have stored our database values as shown below:-

Background pattern

Description automatically generated

You can insert more values in same by signing it as an admin.

<http://127.0.0.1:8000/admin/myapi/vehicles/>

Background pattern

Description automatically generated

Here you can add data like this and click save button to insert data in our database “Vehicless”.

I have added one more column called “Day” in which we can store timestamp. The purpose for development of this column is to find the mileage between current date and date user will enter.

If the user’s date is less then the last date of our registered data row , we will subtract the current mileage with that date’s mileage in order to get distance travelled by an asset.

Also for the first part , I have made an html page where you can update the unit number , mileage and then make the updated data as a separate row in our database so that it doesnot overdide the previous mileage data and hence maintain the history. I have made the API give results in ascending order of date as well as shown in below picture.

Graphical user interface, application, Teams

Description automatically generated

Also you can update an assets mileage by adding data values in html page as shown.

http://127.0.0.1:8000/distance/

Graphical user interface, text, application

Description automatically generated