WEEK 1: May 4th - May 8th

1. Data Research:

   Referred Websites/Papers:
   - Vahan Dashboard: https://vahan.parivahan.gov.in/vahan4dashboard/
   - Government of India Open Data: https://data.gov.in/search?title=vahan
   - https://www.researchgate.net/publication/307597720_An_Analysis_of_Indian_Automobile_Industry_Slowdown_as_an_Opportunity_for_New_Development
   - https://absjournal.abs.edu.in/abs-Journal-Volume-6-isuue-1-june-2018/abs-j-v-6-i-1-june-2018-article-13.pdf
   - https://www.carwale.com/expert-reviews/, https://www.cardekho.com/road-test.htm,

2. Looking into suitable datasets from Kaggle
3. First draft of layout
4. Problems faced by Automotive Industry:
   - Most Popular Car
   - Most Popular Combinations
   - Most sales in month/year
   - How to predict car specs (like mileage, displacement) without actually testing? Machine Learning?
   - Most popular company In India

WEEK 2: May 9th - May 15th

1. Dataset Cleaning
2. Scraping data from Vahan Dashboard
3. Looking into car sales of top 5 companies
4. Probable tech stack for building website
   - Streamlit
   - Flask
   - HTML/CSS/JS
5. Main Features of App:
   - Data Analysis of Used Cars dataset
   - Data Analysis from Vahan Dashboard
   - Update Dataset through input by user
   - Check Similar Cars from your Competitors (Filtering Data)

Mentor Meeting:

- Make the graphs more vibrant
- Annotations should be clearer
- Cleaner UI
- Try to add more unique features
- Test loading speed

WEEK 3: May 16th - May 22nd

1. Machine Learning Models
    - Predicting Mileage
    - Evaluating Safety
    - Predicting CO2 emission

    Scoring methods? Forest Regression?

Mentor Meeting:

- Input variables in Machine Learning Model need not be float
- Look into nicer themes
- Start testing the model with outlier values
- Make UI more accessible

WEEK 4: May 23rd - May 27th

1. User Review Linking
2. Streamlit Hosting
3. Future Deployment in Heroku
4. Contact Form using Form Submit
5. Clean up code, add comments for more clarity