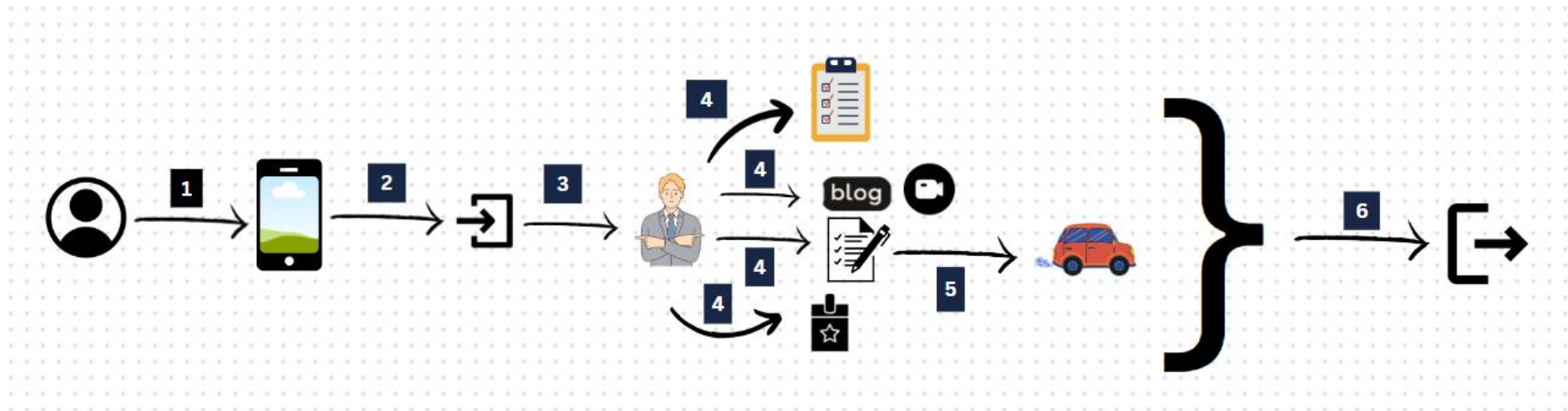


Project Design Phase-II

Data Flow Diagram & User Stories

Date	3 rd November,2023
Team ID	Team-593183
Project Name	Car Purchase Prediction using ML
Maximum Marks	4 Marks

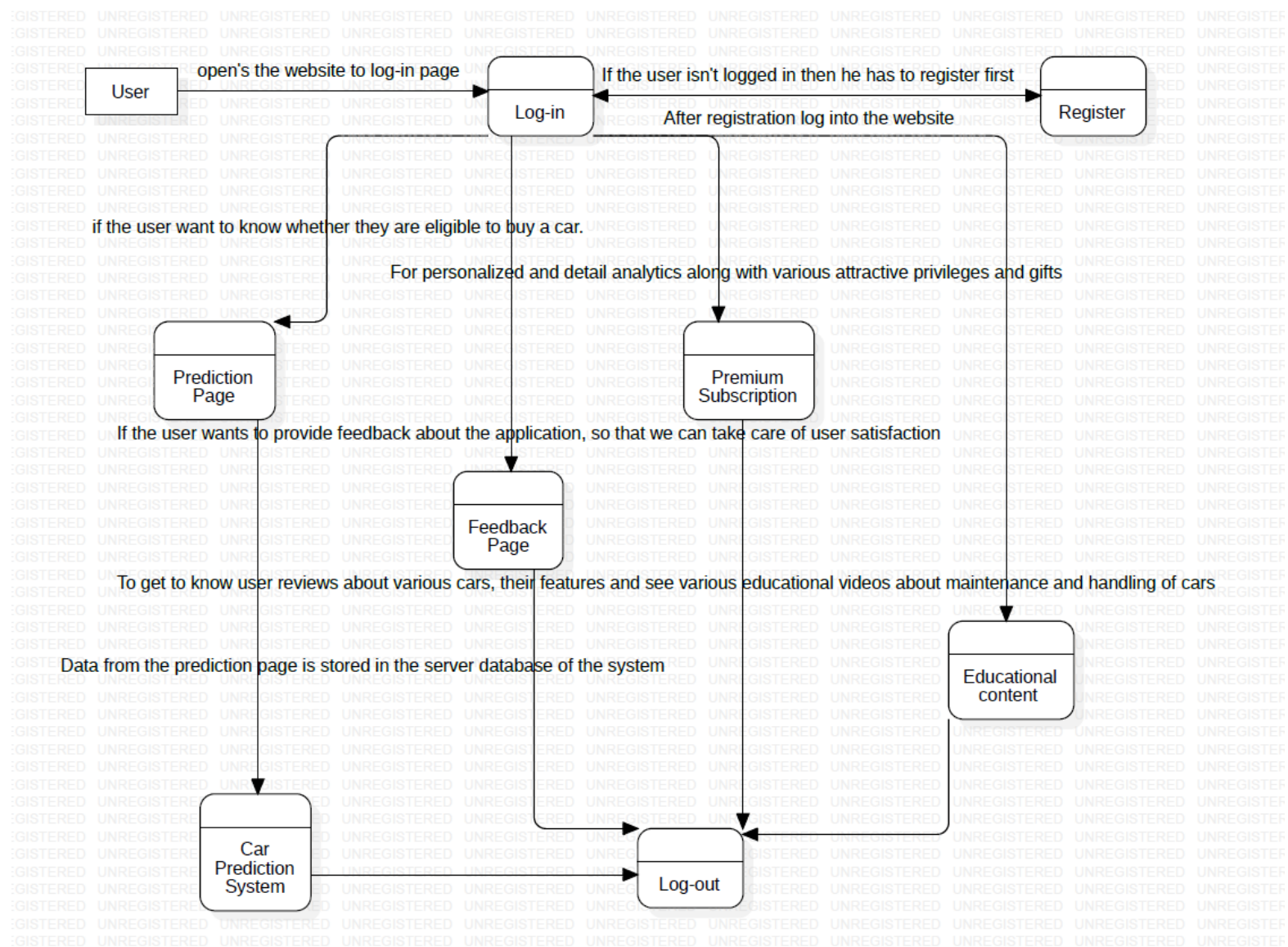
Simplified Flow Diagram:



Explanation:

1. User opens the application in mobile or laptop.
2. They register (if the user is new to the site) or log-in (if the user has already registered) the application.

3. The user has to decide:
 - Whether he/she wants car prediction analysis, i.e., if he/she is eligible to buy a car, the he has to enter his income and age.
 - Whether he wants to write feedback of the application.
 - Whether he wants to subscribe for a premium membership.
 - Whether he wants to go through other customer reviews about various cars to get a clear idea of what they want to buy.
4. According to the choice the user is guided to that particular web-page.
5. If car prediction analysis is chosen by the user in step 4 then here, he will get the whole predicted analysis.
6. After using the application, the user has to log-out from the website to manage the load.



DFD Level-0 Car Purchase Prediction

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User(mobile/web)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access all the features provide by the app.	high	Sprint-1
	Login	USN-2	As a user, I can log into the application by entering email & password		high	Sprint-1
	Prediction Page	USN-3	Once logged in, I can enter the data and which goes into the database, on which ML model is implemented and prediction is shown in the output screen.		high	Sprint-1
	Feedback Page	USN-4	I can even provide feedback of the website on the page so that the developers can do the necessary changes where they lack.		medium	Sprint-1
	Premium Subscription	USN-5	I can apply for premium membership to avail personalized services and more detailed analysis.		medium	Sprint-2
	Educational Content	USN-6	I can even look into other user's feedback about various car models, and videos about how to maintain my car and all the features of a particular car.		medium	Sprint-2

--	--	--	--	--	--	--