

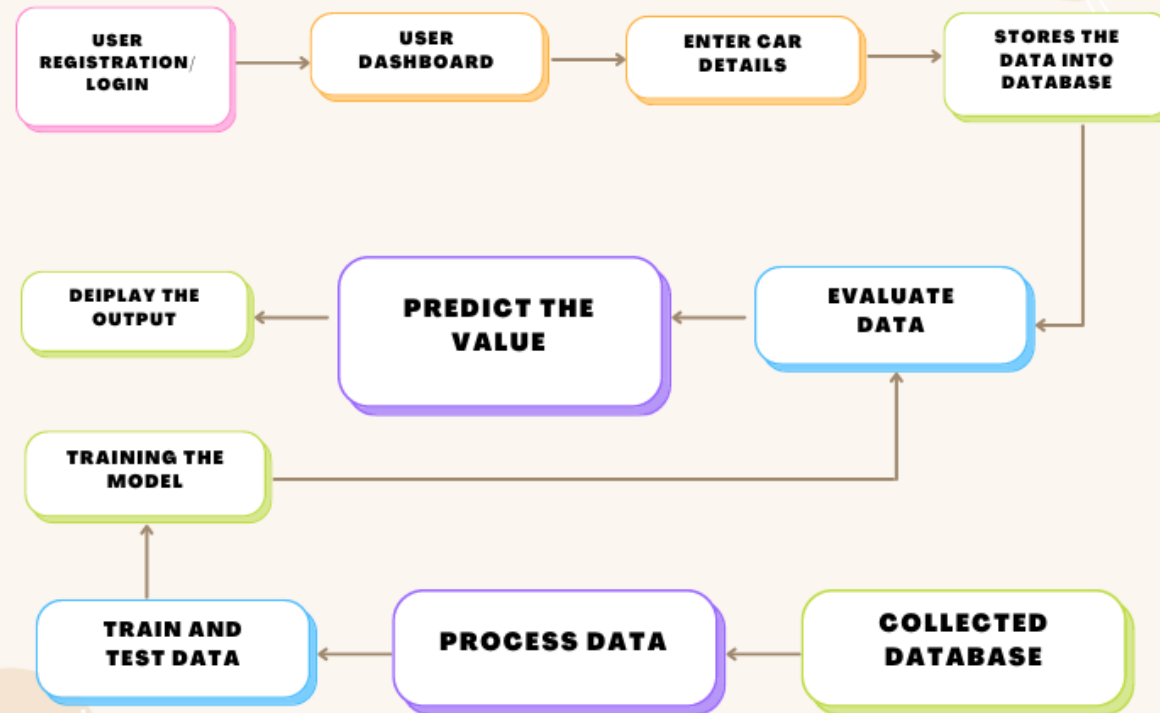
Project Design Phase-II
Data Flow Diagram & User Stories

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|---------------|-----------------------------|
| Date | 03 -11-2022 |
| Team ID | PNT2022TMID42617 |
| Project Name | Car Resale value Prediction |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

- 1.The user should register on web application using mail ID and password and get verified.
- 2.User should enter the car details such as model, variant and some other factors.
- 3.The data given by the user is taken as a input and will get stored in the IBM cloudant database.
- 4.The application is build up to predict the value of the car.

FLOWCHART



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-----------|--|-------------------|---|--|----------|----------|
| Admin | Dataset | USN-1 | Gather the information needed to make the car resale prediction. | enough data has been gathered to train the model. | High | Sprint-1 |
| | Data preprocessing | USN-2 | Perform data cleaning to optimize the dataset | Clean Dataset enough to make correct predictions | High | Sprint-1 |
| | Training & Building Model | USN-3 | Build the model using regression algorithmsto classify the data | Model should be used for Predicting perfect valuation of the car. | High | Sprint-1 |
| | Deploy the model | USN-4 | Deployment of ML model using IBM Cloud | Model should be working fine from the cloud | High | Sprint-2 |
| | Integrate the web app with the IBM model | USN-5 | Use flask for the integration purpose. | The model ought to be simple to use and reliable on the web application. | High | Sprint-2 |
| Customer | Homepage | USN-6 | Information on the application and the process for selling used cars | We can get an idea about how to use these model. | Medium | Sprint-2 |
| | Registration | USN-7 | User can register the application by entering email, password, and confirming my password. | user can access my account /dashboard | High | Sprint-3 |
| | | USN-8 | user will receive confirmation email.jonce they have registered for the application | user can receive confirmationemail | High | Sprint-3 |
| | Login | USN-9 | user can log into the application by entering email & password | user can login to my account | High | Sprint-3 |
| | Dashboard | USN-10 | User can add new cars and get access to insert and update their details | user can add new cars | Medium | Sprint-4 |
| | Car Details | USN-11 | user should give the required car details like carmodel, kilometer driven,manufactured year, etc... | After filling the car's details and taking them for further processing. | High | Sprint-4 |
| | Car Price | USN-12 | The price of a used car can be displayed and seen by the user. | Car prices must be displayed depending on the data provided by the user. | High | Sprint-4 |