Project Design Phase-II
Data Flow Diagram & User Stories

Date	12 October 2022
Team ID	PNT2022TMID44242
Project Name	Project – Crude Oil Price Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:
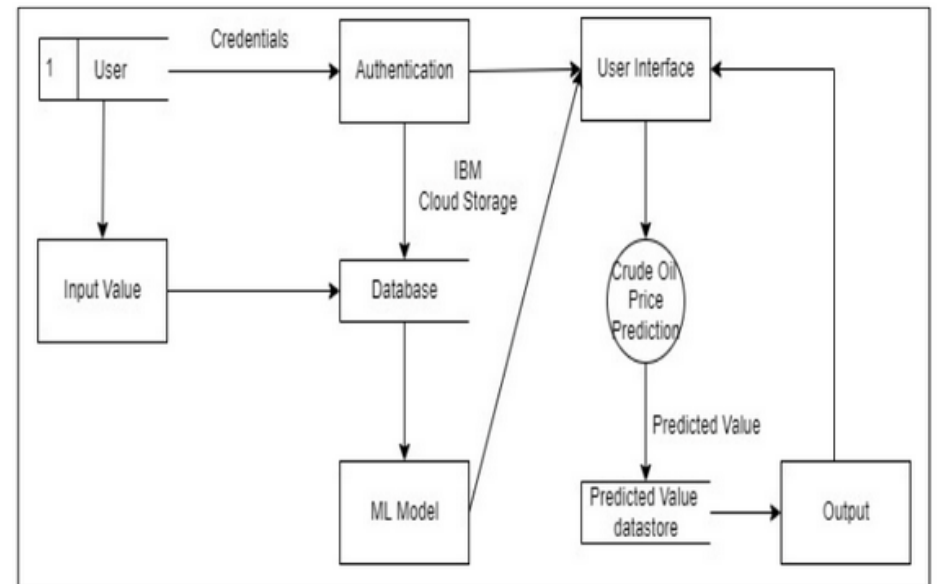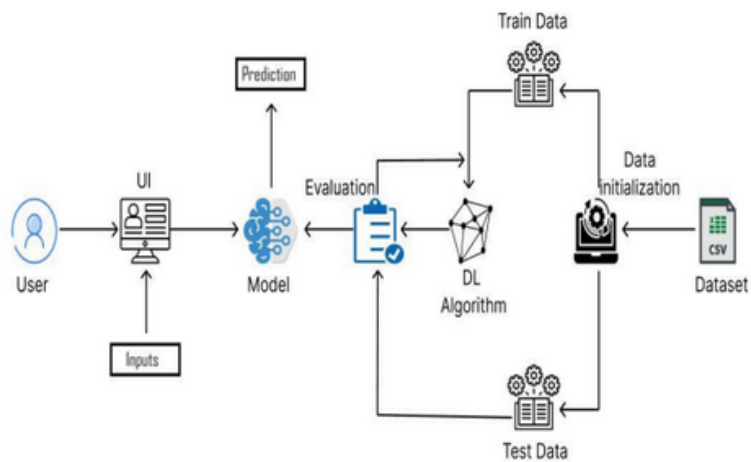
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (common People, Business man)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I can register for the application by entering my Facebook id.	I can register and access the dashboard with Gmail	High	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering email & password	I can login and access using the email and password	Low	Sprint-2
	Dataset Management	USN-4	As a user, I split the dataset for training and testing.	Dataset split for training and testing.	High	Sprint-1
	Model Building	USN-5	As a user I build a model and train the model, test the model to predict the future price.	The model is build and model is trained and tested.	High	Sprint-1
Administrator	Login	USN-1	As an Administrator, I can login into the analysis page.	I can login using email and password.	High	Sprint-1
	Dashboard	USN-2	As an Administrator, I can access the Dashboard.	I can update the details of the features.	Medium	Sprint-2
	Authentication	USN-3	As an Administrator, I can verify the identity of the user.	I can check if the email and password is correct or not.	High	Sprint-1

	Authorization levels	USN-4	As an Administrator, I can determine the extent of system rights that the user has access to.	I can verify the user has been properly identified and authenticated.	Medium	Sprint-2