

Project Design Phase-II

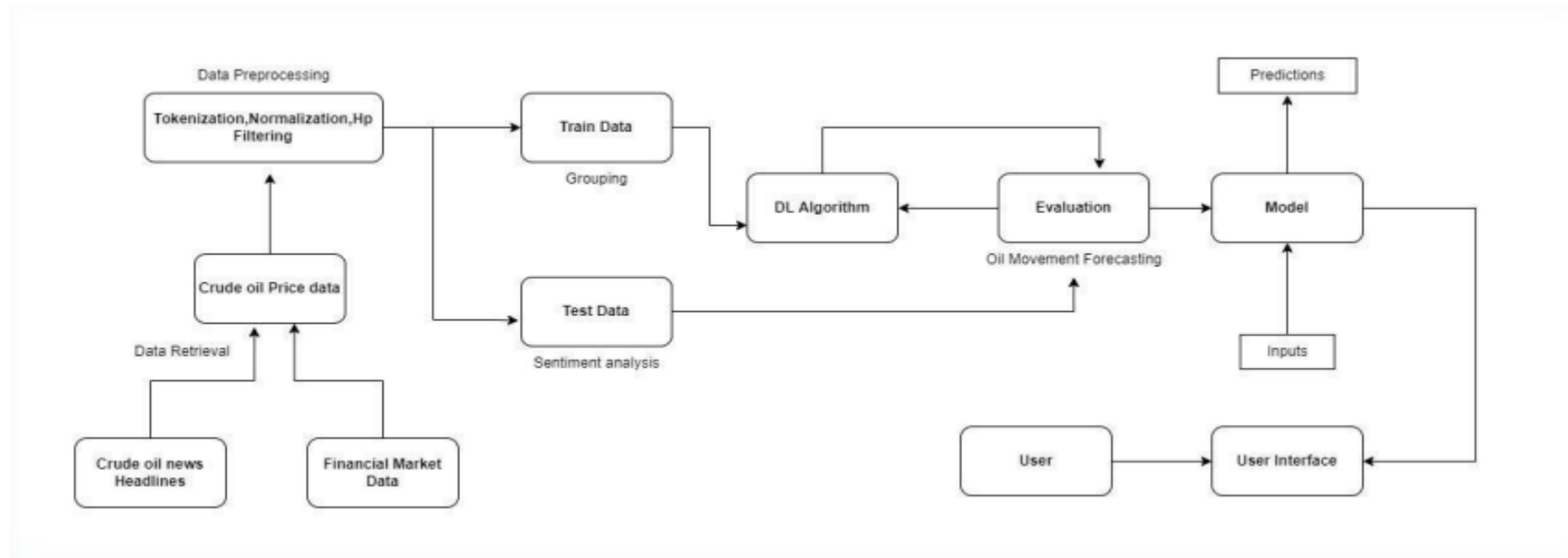
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID41179
Project Name	Project - Crude Oil Price Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DATA FLOW DIAGRAM



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
Customer (Mobile user)	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 / Displays the line graph / Bar graph	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the account	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register using Gmail account.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	After registration, I can log in by using email & password.	High	Sprint-1
	Line/Bar Graph	USN-6	After entering the inputs, the model will display predictions in Line or Bar Graph Format.	I can get the prediction in various format.	High	Sprint-3
Customer (Web user)	Login	USN-7	As the web user, I can login simply by using Gmail.	Gmail can be used for login	Medium	Sprint-2
Customer Care Executive	Support		The Customer care service will provide solutions for any FAQ and also provide Chatbot.	Solve the problem by support.	Low	Sprint-3
Administrator	News		Admin will Provide the recent news of Oil Prices.	Provide the recent oil prices.	High	Sprint-4
	Notification		Admin will notify when the oil prices changes.	Notification by Gmail or message.	High	Sprint-4
	Access Control		Admin can control the access of users.	Access permission for Users.	High	Sprint-4
	Database		Admin can store the details of users in database.	Stores User details.	High	Sprint-4