Project Design Phase-II
Data Flow Diagram & User Stories
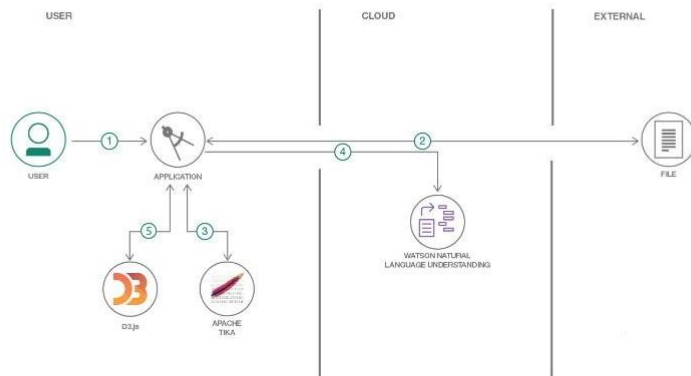
Date	03 October 2022
Team ID	PNT2022TMID43400
Project Name	Crude Oil Price Prediction
Maximum Marks	4 Marks

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.
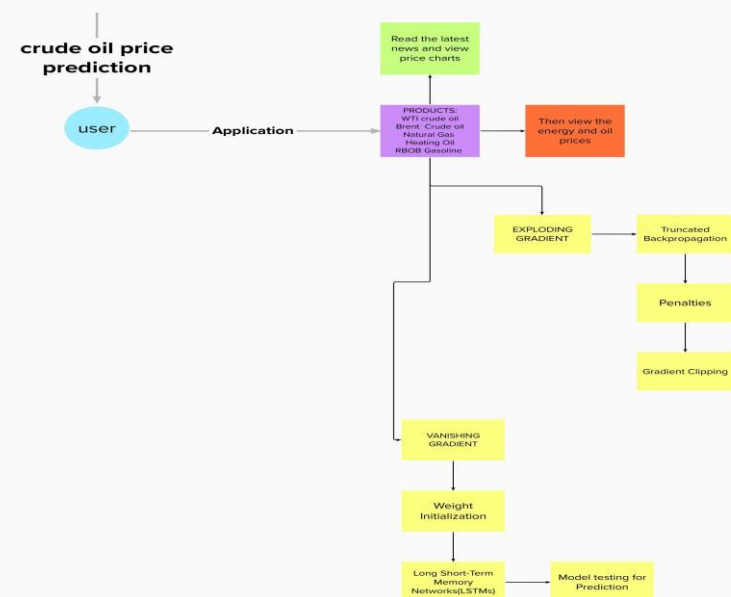
Example: (Simplified)

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)

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)	Application	USN-1	As a User Direct Open with Google Play Store App User Can Download the Crude Oil Price	I can access own decisions.	High	Sprint-1
	Available Products	USN-2	As a User Using the Application There Are So Many Products in Crude Oil Price App User Update the Energy and Oil Price Instant The application	I can receive the data once click then confirm	High	Sprint-1
	Additional Features	USN-3	As a User Can Read Latest News and View Oil Price Charts User View Major Energy Quotes User Can Using a Multiple Color Themes	I can view then read the price prediction.	High	Sprint-2
	Expectations	USN-4	User Can Exchange Rates and Currency Converter	I can expect	Medium	Sprint-1
	Login	USN-5	As a user, login directly then no email, username ,password.		High	Sprint-1
Customer (Web user)			As a user I can view the crude oil price	I can view the price directly	High	Sprint-1
Customer Care Executive			As a user I executive the given price history	I can accept the terms	medium	Sprint-1
Administrator			As a administer it predict the output	Show the result	High	Sprint-1