Project Design Phase-II
Data Flow Diagram & User Stories

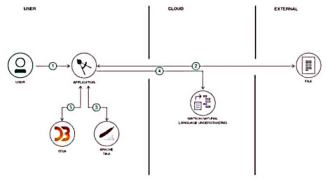
Date	15 Nov 2022
Team ID	PNT2022TMID45501
Project Name	Crude Oil Price Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

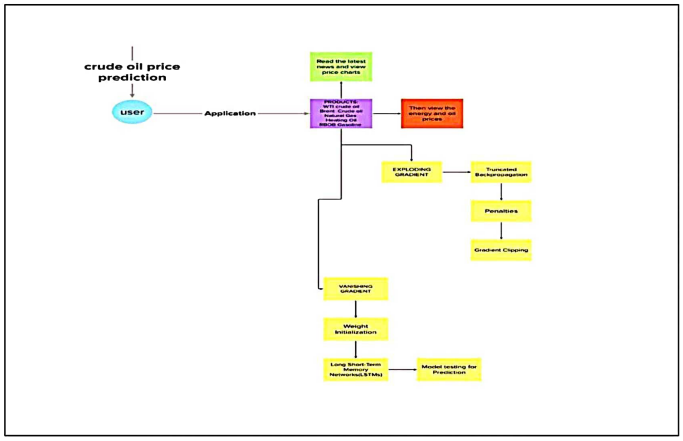
The classic visual representation of how information moves through a system is a data flow diagram (DFD). A tidy and understandable DFD can graphically represent the appropriate quantity of the system demand. It demonstrates how information enters and exits the system, what modifies the data, and where information is kept.

Example: (Simplified)

Flow



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.



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	You can download the crude oil price by opening the Google Play Store app directly as a user.	I can access own decisions.	High	Sprint-1
	Available Products	USN-2	Users of the application may instantly update the energy and oil prices while using it because there are so many different products in the crude oil price app.	I can receive the data once click then confirm	High	Sprint-1
	Additional Features	USN-3	Users can read the most recent news and see oil price charts. Major Energy Quotes User View The user may use many colour schemes.	I can view then read the price prediction.	High	Sprint-2
	Expectations	USN-4	User Can Convert Currency And Exchange Rates	I can expect	Medium	Sprint-1
	Login	USN-5	Log in as a user without using your email address, username, or password.		High	Sprint-1
Customer (Web user)			I can see the price of crude oil as a consumer.	I can view the price directly	High	Sprint-1
Customer Care Executive			I am the user and I executive the pricing history.	I can accept the terms	medium	Sprint-1
Administrator			As a manager, it anticipates the results.	Show the result	High	Sprint-1