Project Design Phase-II
Data Flow Diagram &User Stories

Date	15October 2022
Team ID	PNT2022TMID49608
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.
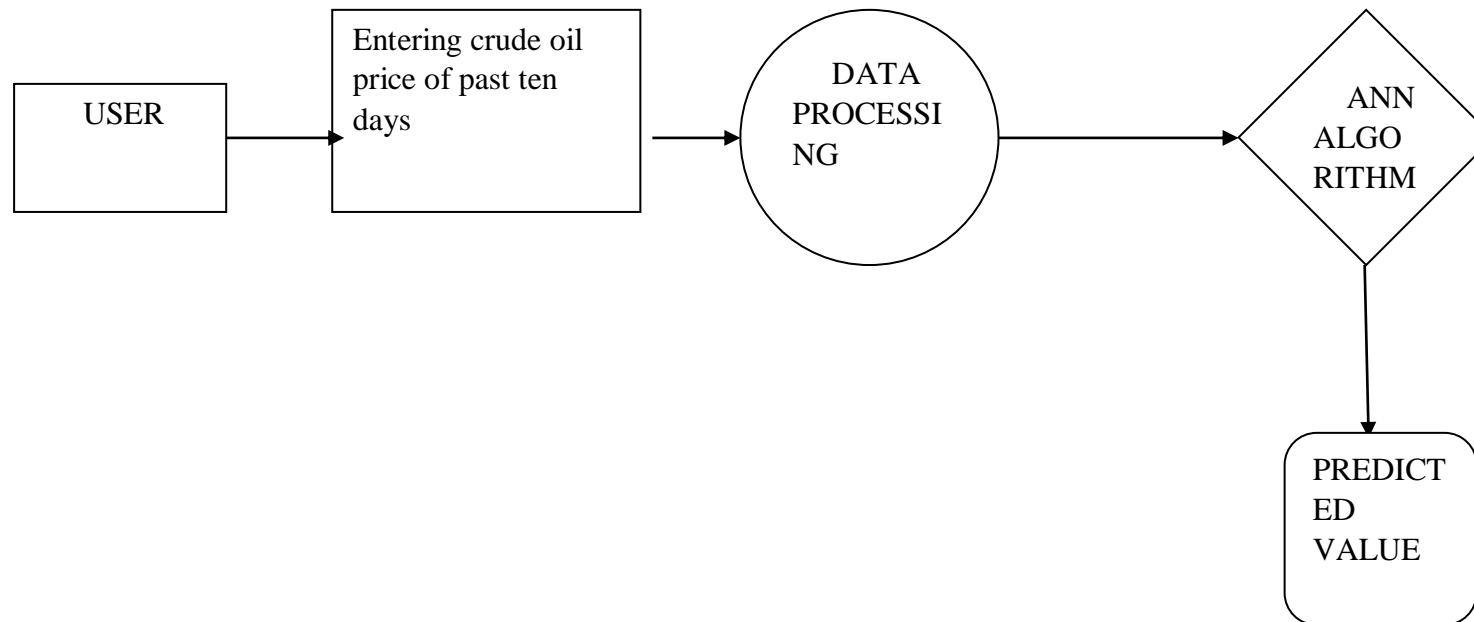
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Front page	USN-1	As an user, I can view the front page of the website where the description about the application is available.	2	High	Anjana N and Madhumitha M
Sprint-2	Entering the past data	USN-2	As an user, I can enter the past ten days data.	2	Low	Anu Pratha K and Mercy Gnana Priya R
Sprint-3	Data Augmentation	USN-3	As a developer,the ANN dataset must be augmented.	1	High	Anjana N and Madhumitha M
Sprint-3	Classification of ANN model	USN-4	As a developer, the model must be classified.	3	High	Anu Pratha K and Mercy Gnana Priya R
Sprint-3	Compiling the model	USN-5	As a developer, the model must be compiled.	3	High	Anu Pratha K and Mercy Gnana Priya R
Sprint-4	Predicting the price of crude oil	USN-3	As an user, I can get the predicted value of crude oil price.	2	High	Anjana N,Madhumitha M,Anu Pratha K and Mercy Gnana Priya R