Team ID: **PNT2022TMID13149**
Project: **Crude Oil Price Prediction**

SCENARIO

Predicting the crude oil price

Awareness
How does someone initially become aware of this process?

Experience
What do people experience as they begin the process?

Engage
In the core moments in the process, what happens?

Exit
What do people typically experience as the process finishes?

Extend
What happens after the experience is over?

Steps
What does the person (or group) typically experience?

- Prediction of crude oil price
- verification of historical data
- The customer predict the crude oil price to select the correct time for trade
- Customers can analyse the fluctuations in prices
- login
- Sign Up
- Existing customer can give their credentials to login to the application
- New users can regiter into the application by providing the credentials
- Visualisation
- The predicted price can be visualised in the application created
- Log Out
- The user is logged out of the application
- Alert
- Alert can be sent whenever there is an increse/decrease in the price

Interactions
What interactions do they have at each step along the way?

- ■ **People:** Who do they see or talk to?
- ■ **Places:** Where are they?
- ■ **Things:** What digital touchpoints or physical objects would they use?

- Future prices
- Price History
- Login Sectiom
- Sign Up Sectiom
- Price Visualizatiom
- Logout option
- Mail and sms can be sent

Goals & motivations
At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")

- Customers can identify when to buy and sell the crude oil
- To login into the app
- To know the price
- Customer satisfaction
- Reduce the application loading time

Positive moments
What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

- Crude oil price prediction helps in gaining profit
- Can access all the features of the web application
- Able to find the correct time to buy the crude oil
- To improve the applivation, feedback can be given
- Improvie the convenience of the customers

Negative moments
What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

- Stress due to price variations
- To enter the details, more time is consumed
- Retrieval of entirely predicted price may be difficult to arriva at conclusion
- Ratings not given by the customer
- Response time of the application can be increased

Areas of opportunity
How might we make each step better? What ideas do we have? What have others suggested?

- Customers can be given with the price details of crude oil
- Sign up with google
- Improving the accuracy of the crude oil price prediction
- Ratings
- Users can be alerted