Project Title: Crude oil price prediction | **Project Design Phase-I** | **Team ID: PNT2022TMID25098**

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?

Crude Oil Based Industries and companies for Business purpose

6. CUSTOMER CONSTRAINTS — CC

What constraints prevent your customers from taking action or limit their choices of solutions?

The risks and problems are the obstacles for the customers which limits them from proceeding further in the process.

5. AVAILABLE SOLUTIONS — AS

Which solutions are available to the customers when they face the problem or need to get the job done?

The frustrations about the results can be avoid by providing a proper timeline and proper planning will be helpful in finishing it in time with the expected output.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

The difficulty in predicting the Crude Oil Price more accurately is one of the major problems

The information to be collected for providing the desired results may be a problem

9. PROBLEM ROOT CAUSE — RC

What is the real reason that this problem exists? What is the back story behind the need to do this job?

It can both Man-made error or machine error which can sometimes go wrong.

This can cause a problem in proving an accurate or desired result

This is the main root cause of this issue.

7. BEHAVIOUR — BE

What does your customer do to address the problem and get the job done?

The problems faced by the customer can be reported in a form of a detailed document so that it can be properly addressed by the team and it can rectify.

Focus on J&P, tap into BE, understand RC

3. TRIGGERS — TR

What triggers customers to act?

The business ideas trigger customers for the crude oil price prediction for the benefits

4. EMOTIONS: BEFORE / AFTER — EM

How do customers feel when they face a problem or a job and afterwards?

If the results are not up to the expected point, it makes them feel frustrated.

10. YOUR SOLUTION — SL

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

To address this issue, it needs proper attention in carrying out this process for predicting the crude oil price. Both computer-aided prediction and human calculations should be carried out very carefully

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE

What kind of actions do customers take online?

Discount seekers

Wandering customers

Loyal customers

8.2 OFFLINE

What kind of actions do customers take offline?

Reliable customers

Trustful customers