**Project Title: Crude Oil Price Prediction Project Design Phase-I** - **Solution Fit Template** **Team ID:** PNT2022TMID53936

**AS**

**5. AVAILABLE SOLUTIONS**

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

What constraints prevent your customers from acting or limit their choices

of solutions? i.e. spending power, budget, no cash, network connection, available devices.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Who is your customer?

Oil accounts for a third of the world’s energy consumption, that is the greatest share for any category of government.

**Explore AS, differentiate**

**Define CS, fit into CC**

Due to strong chain effects owned by this crude oil market, fares in the factors involved will have exclusive impact to price.

There are innumerable ways and approaches which are being used and have been used for predicting the prices of crude oil, one is of the common methods is the one based on intuitions wherein the experiences.

i.e. directly related: ﬁnd the right solar panel installer, calculate usage and beneﬁts; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

**BE**

**7. BEHAVIOUR**

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

**RC**

**9. PROBLEM ROOT CAUSE**

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

i.e. customers have to do it because of the change in regulations.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

Economic growth is one of the biggest factors affecting petroleum product and therefore crude oil demand. Rowing economies increase demand for energy in general and especially for transportation

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

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

There is only one dependent variable, the closing price of crude oil which has been considered, since it’s a time series function

The correct information should be given by the individual.

**Identify strong TR & EM**

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| **Identify strong TR & EM** | **3. TRIGGERS TR**  What triggers customers to act?  By seeing our friends and colleagues benefitted by this web. | **10. YOUR SOLUTION SL**  A contemporary and innovative method of predicting crude oil prices using the artificial neural network. | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   Customer can use this web in any time anywhere.   * 1. **OFFLINE**   Non-working days are not predicting the price the price of crude oil |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  Traipsing for job will be reduced. |