Project Design Phase-I - Solution Fit Template

Domain	Data Analytics
Team ID	PNT2022TMID16862
Project Name	Traffic and Capacity Analytics for Major Ports
Maximum Marks	2 Marks

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

- Business people
- Government sector people
- Rail passengers

6. CUSTOMER CONSTRAINTS

- Failed to track their goods
- Not able to predict the arrival/ departure time of train
- Passengers do not know the correct arrival time.

5. AVAILABLE SOLUTIONS

- Dashboard is created to visualize the good status
- Predictive Analytics is done.

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS J&P

- Port status is monitored regularly via dashboard

9. PROBLEM ROOT CAUSE RC

- The departure/arrival delay may causes congestion in ports.

7. BEHAVIOUR BE

- Should monitor the dashboard on regular basis.

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

Identify strong TR & EM

3. TRIGGERS TR

- Government needs to prevent congestion in future.
- For business people to track their needs
- For passengers to catch the train on time.

4. EMOTIONS: BEFORE / AFTER EM

BEFORE

- Business people could not be able to track their goods.
- Passengers may not be able to catch the train on time.

AFTER

- Business people can be able to track their goods.
- Passengers can able to catch the train on time.

10. YOUR SOLUTION SL

- Dashboard is created to visualize the goods and port status.
- Predictive Analytics is done.

8. CHANNELS of BEHAVIOUR CH

8.1ONLINE

Updating the arrival and departure time of train

8.2OFFLINE

Reducing the congestion in ports