

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID00308
Project Name	Traffic and Capacity analysis
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
•	Problem Statement (Problem to be solved)	Delays in importing and exporting products because of port congestion business losses owing to customer losses
•	Idea / Solution description	Digitizing the port improves productivity, and sensors are installed at ports to reduce risks.
•	Novelty / Uniqueness	Cheaper and more approachable with less effort spent
•	Social Impact / Customer Satisfaction	Increasing competition is forcing businesses to pay much more attention to satisfying customer needs tangible, responsive, assurance, empathy and reliable are also customers satisfaction
•	Business Model (Revenue Model)	They need to continuously analyse their expertise in order to maximise the effectiveness of their activities at both the strategic and operational levels.
•	Scalability of the Solution	The maximum throughput in tonnes, TEUs, or other units that a port and its terminals can handle over a specific time period is defined as port capacity in principle. Physical limitations or economic situations that make the marginal cost of further throughput impractical might establish this threshold.