

Project Design Phase-I

Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID13629
Project Name	Traffic and Capacity Analytics for Major Ports
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The Current Problem Rising traffic congestion is an inescapable condition in large and growing metropolitan areas. Peak-hour traffic congestion is an inherent result of the way modern societies operate. It stems from the widespread desires of people to pursue certain goals that inevitably overload existing roads and transit systems every day. But everyone hates traffic congestion, and it keeps getting worse, in spite of attempted remedies.
2.	Idea / Solution description	The current traffic control system in the metro cities of India are inefficient due to randomness in the traffic density pattern throughout the day. The traffic signal timers have a fixed time period to switch traffic between different directions
3.	Novelty / Uniqueness	This includes port operational efficiency improvement, capacity expansion of existing ports and new port development. A 10-year tax holiday is extended to enterprises engaged in the business of developing, maintaining, and operating ports, inland waterways, and inland ports. This bill aims to decentralise decisionmaking and reinforce excellence in major port governance.

4.	Social Impact / Customer Satisfaction	The impact of service quality on customer satisfaction in the port sector lacks research. The results from this study reveal that PSQ
		is a construct of five factors, and that enhanced PSQ positively influences customer satisfaction . In terms of contributing to knowledge and practical applications, the current study helps enhance the understanding of service quality as a relational marketing tool, particularly in the context of the port sector.
5.	Business Model (Revenue Model)	The number and use of these portals is growing along with the number of products they offer. The framework of the business must be flexible because the industry is highly volatile and sees nearly constant change. Search engines are portal business models that include many kinds of content and services. They are profitable for advertisers because they draw a large amount of user traffic.
6.	Scalability of the Solution	The number and use of these portals is growing along with the number of products they offer. The framework of the business must be flexible because the industry is highly volatile and sees nearly constant change. Search engines are portal business models that include many kinds of content and services. They are profitable for advertisers because they draw a large amount of user traffic.