Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID08600
Project Name	Inventory Management System for Retailers
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)	In inventory system, the demand of products may be vague and the consumption time may vary according to the product value.
2.	Idea / Solution description	Our technological system stores the details of the inventory, maintenance of stocks, and produce weekly reports.
3.	Novelty / Uniqueness	Maintenance and development of the data is made easier by containerization through docker application.
4.	Social Impact / Customer Satisfaction	The user views the product visual graph being able to reduce wastage of excess products and convey the buyers beforehand.
5.	Business Model (Revenue Model)	Retailers order fast-moving products and the right number of stocks from suppliers by analysing the sales of particular products.
6.	Scalability of the Solution	Virtual machines are more flexible. The use of Kubernetes and containerization allows user to scale and change the numbers of supplies via command line interface.