Project Design Phase-I
Proposed Solution Template

Date	7 November 2022
Team ID	PNT2022TMID12454
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Managing the stock and inventory as well as profit and loss management.
2.	Idea / Solution description	To make the very effective and frugal model to analyse and predict the stocks.
3.	Novelty / Uniqueness	To train the model in the form of linear abstractive regression.
4.	Social Impact / Customer Satisfaction	To use the software in every place wherever it is needed.
5.	Business Model (Revenue Model)	The stores generally stock a narrow line of products with a turnover of reasonably high frequency. Cost-plus retailers generally sell to a segmented mass market, trying to maintain comfortable margins instead of focusing on price, and justifying those margins through quality, service, and selection.
6.	Scalability of the Solution	Efficient inventory optimization solutions can analyze a vast portion of past sales and anticipate the inventory future demand by adding in seasonality and lead times. Moreover, in the age of big data, inventory optimization techniques can give you insights into customer preferences, product performance, and the channel performance.