

**Project Design Phase-I**  
**Proposed Solution Template**

Date	10 October 2022
Team ID	PNT2022TMID17895
Project Name	Project - Retail Store Stock Inventory Analytics
Maximum Marks	2 Marks

**Proposed Solution:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To solve the problem faced by the retailers in their day to day life in managing the stock, satisfying the customer and obtaining profit.
2.	Idea / Solution description	To fit into a regression model to predict the sales of products in the future.
3.	Novelty / Uniqueness	To train the model using multiple linear regression.
4.	Social Impact / Customer Satisfaction	Make the product available whenever they need it.
5.	Business Model (Revenue Model)	1. Forecasting intermediate inventory will raise the whole business model because it will determine the up and down of the goods prediction among the traditional system 2. Retailers are able to understand the deepest customer needs and adjust their offering to meet shoppers' demands.
6.	Scalability of the Solution	The Scalability and feasibility of our solution is comparatively high from the existing market model. It will ensure the retailers engage the environment very easily and user friendly. It will allow the retailers to add or edit the bulk goods and inventory. It will make use of the environment space efficiently due to the appropriate prediction of the inventory sales goods.