

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

Date	31 October 2022
Team ID	PNT2022TMID11253
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>A Brazilian top retailer contains a lot of historical sales data.</p> <p>In Which How much inventory should I carry? Too much inventory means working capital costs, operational costs and a complex operation, lack of inventory leads to lost sales, unhappy customers and a damaged brand.</p> <p>This is why short-term forecasting is so important in the retail and consumer goods industry.</p>
2.	Idea / Solution description	<p>The Retailer Should have an Eye on every product inventory.</p> <p>The retailers should aware of the every day market rates so that if he/she need to give discount on some products to customer they should be familiar with the market.</p>
3.	Novelty / Uniqueness	<p>Inventory Accuracy,</p> <p>Cost Cutting,</p> <p>Improved data visibility,</p> <p>Prevent Stock Issues,</p> <p>Better Customer Service.</p>
4.	Social Impact / Customer Satisfaction	<p>Mobile Support,</p> <p>Money Transfer Management,</p> <p>Inventory tracking,</p> <p>Shipping,</p> <p>Demand Forecasting.</p>

5.	Business Model (Revenue Model)	Sales Reporting , Customer Management , Employee Management , Inventory Management.
6.	Scalability of the Solution	We have been working with small & medium retailers (mostly with traditional retailers), and in our journey, we learned a vital point that in the first phase after implementing any system, process, and solution.