

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

Date	19 September 2022
Team ID	PNT2022TMID20096
Project Name	Retail Store Stock Inventory analytics
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 retailer should know about how much inventory should he carry, because 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.
2.	Idea / Solution description	The Stocks are analysed and give the data which amount of stocks is enough to make more profitable. Analysing of selling which stock at which time is also required. Also analyse the more profitable stock in less time
3.	Novelty / Uniqueness	New features will be extracted from given data by analysing. With these new features, more information can be gained and better decision will be taken to increase profit for retailers
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• Perception of profit about particular stock</li><li>• Perception of changing stocks to save from losses</li><li>• Perception of Fast-selling stocks</li><li>• Perception of stock selling in particular location</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>• Dashboard will be created to view stocks selling in required location.</li><li>• Better decision will be made by retailers.</li></ul>
6.	Scalability of the Solution	This solution can be used by every retailers. This solution can be processed with less memory and quickly. The solution can be used as open source so everyone can use it.