

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

Date	27 September 2022
Team ID	PNT2022TMID32248
Project Name	Project - -- 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)	<ul style="list-style-type: none"><li>· The customers are not satisfied with the retailers store since it doesn't have enough supplements and the deliveries were not made on time</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>· The product availability is tracked daily and an alert system is again kept on to indicate those products which falls below the threshold limit.</li><li>· All the customers can register their accounts after which they will be given a login credentials which they can use whenever they feel like buying the stocks.</li><li>· The application allows the customers to know all the present time available stocks and also when the new stock will be available on the store for them to buy</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>· Prediction of the best selling brand of all certain products based on their popularity, price and customer trust and satisfaction will be implemented.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>· The customer satisfaction will be improved for getting appropriate response from the retailers and that too immediately.</li></ul>
5.	Business Model (Revenue Model)	<p>ML algorithms for all the prediction purposes using all the past dataset since datasets are undoubtedly available in huge amounts. Can deploy the most appropriate business advertising models</p>

6.	Scalability of the Solution	Daily and Each time purchase updation of the stock for preventing inventory shrinkage
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