

## **PROJECT DESIGN PHASE-I PROPOSED SOLUTION**

Date	16 October 2022
Team ID	TN2022TMID11718
Project Name	Inventory Management System for Retailers

S. No.	Parameter	Description
1	Problem Statement	To solve the need that the shopkeepers doesn't have the systematic way to keep their record of inventory data.
2	Idea / Proposed Solution	An application which retailers successfully log in to the application, that they can update their inventory details, also users will be able to add new stock by submitting essential details related to the stock. They can view details of the current inventory. The System will automatically send an email alert to the retailers, if the stock reduced to the limited amount found in the inventory. So that they can order new stock.
3	Novelty / Uniqueness	With this inventory management system, the shopkeeper not only can fill the inventory but also reduce the wastage of goods. The users can register the stocks that they need by logging in from their account.
4	Social Impact / Customer Satisfaction	Customer Satisfaction is entirely depended on the services which they expected. If the retailer's system exceeds with customer's expectation, the customers will be satisfied.

5	Business Model	With the better inventory management system, Update the inventory without any need of manpower. Retailer can live up with user's need and be on the flow with current sale products and they can update the inventory with that product.
6	Scalability of the Solution	<p>To create a scalable inventory management system, the retailer has to</p> <ol style="list-style-type: none"> <li>1. Keeping low inventory levels as much as possible</li> <li>2. Keep an eye on Sales Projections</li> <li>3. Use ODM (On-Demand Manufacturing). ODM refers to manufacture or in this case, update the products which are highly in demand.</li> </ol>