

Project Design Phase-I
Proposed Solution

Team ID	PNT2022TMID26463
Project Name	Retail Store Stock Inventory Analytics

S.No	PARAMETER	DESCRIPTION
1.	Problem Statement (Problem to be solved)	Retail Store Stock Inventory analytics is basically used to maintain the inventory. The biggest FAQ's of a retailer are How much amount of inventory should they carry, because this involves Capital and Operational costs. Lack of these costs will lead into the complex problem of making loss of costs, damaged brand which makes the Customer unhappy. Forecasting intermediate inventory and tracking is a complex problem to be solved because the stock rotation depends seasonally .
2.	Idea / Solution description	<p>Our Proposed System consists of the following special features:</p> <ul style="list-style-type: none">• Our Inventory software contain the Real-time dashboard automation• It mainly does the predication based on sales history of seasonal on-demands• The software will automatically determine the goods and service taxes like GSTs etc.,• It will periodically generate the inventory reports that will enhance the retailer's knowledge on stock rotation• Our system will create unique barcodes for the products which enhances the billing process.• Instant invoice generation for the purchase

3.	Novelty / Uniqueness	<ul style="list-style-type: none"> • Our software will have the high accuracy and feasibility among the existed market products • It gives the solid predication based on sales history that will give certainty among the retail industry • It will notify retailers before the date of the expired products and will suggest dynamic discounts that will reduce the loss of the Retailer. • Credit-point based system with enhanced marketing Bots
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • By this solution, it gives the major impact on the retailer satisfaction and confidentiality • And it will give appropriate predication on the inventory sales • It will reduce the wastage of goods and services because of the stock maintenance
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Our idea will increase the revenue among the retailers due to the uncertainty among the seasonal on-demands • Forecasting intermediate inventory will raise the whole business model because it will determine the up and down of the goods predication among the traditional system • It will create the engaging environment for retailers that is used to optimize their counter space efficiently and generates revenues by analysing the customer movement
6.	Scalability of the Solution	<p>The Scalability and feasibility of our solution is comparatively high from the existing market model. It will ensure the retailers to 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</p>

		appropriate prediction of the inventory sales goods.
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