

Project Design Phase-I

Proposed Solution

Date	29 September 2022
Team ID	PNT2022TMID06318
Project Name	Project - 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)	<ul style="list-style-type: none">• To checking the stock and then calculate the sales percentage of the stock.
2.	Idea / Solution description	<ul style="list-style-type: none">• This predicate by using Random Forest algorithm.• Then K means algorithm is used to check the stock.• IBM Cognos is use to show to make Dashboard for the stock.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Automatically order the Stock when the Stock gets over.• Giving the percentage which stock is sellers more in weekly & Monthly.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• We can sell the best quality brand product and get the profit.• It is essential for the retailer to track the daily product flow to calculate the profit and loss of the store.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• Retailers will have to adjust their business models to accommodate the changing needs of customers
6.	Scalability of the Solution	<ul style="list-style-type: none">• We can avoid for checking the stock daily because it will check automatically and say the growth for the store.

