Project Design Phase-I

Proposed Solution

Date	29 September 2022
Team ID	PNT2022TMID06342
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)	• To checking the stock and then calculate the sales percentage of the stock.
2.	Idea / Solution description	• 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	• 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	• 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)	• Retailers will have to adjust their business models to accommodate the changing needs of customers
6.	Scalability of the Solution	• We can avoid for checking the stock daily because it will check automatically and say the growth for the store.