

## Project Design Phase-I

### Proposed Solution

Date	29 September 2022
Team ID	PNT2022TMID36407
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"><li>• To checking the stock and then calculate the sales percentage of the stock.</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>• This predicate by using Random Forest algorithm.</li><li>• Then K means algorithm is used to check the stock.</li><li>• IBM Cognos is use to show to make Dashboard for the stock.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• Automatically order the Stock when the Stock gets over.</li><li>• Giving the percentage which stock is sellers more in weekly &amp; Monthly.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• We can sell the best quality brand product and get the profite.</li><li>• It is essential for the retailer to track the daily product flow to calculate the profit and loss of the store.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>• Retailers will have to adjust their business models to accommodate the changing needs of customers</li></ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>• We can avoid for checking the stock daily because it will check automatically and say the growth for the store.</li></ul>