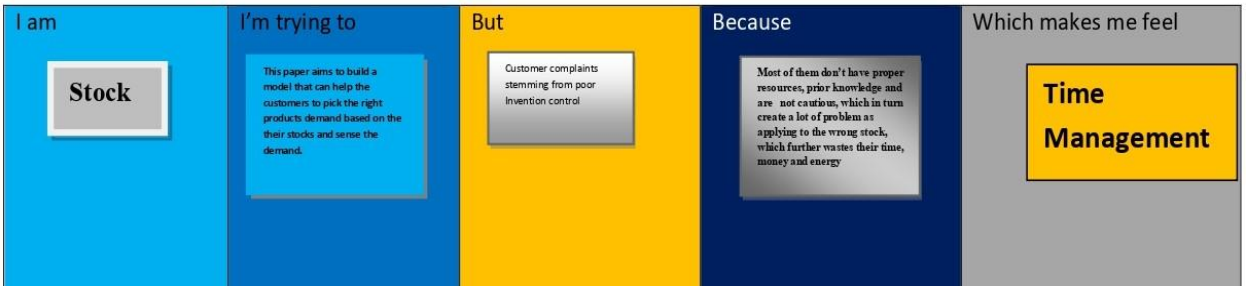
Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team Id	PNT2022TMID47924
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	2 Marks

Customer Problem Statement:

Retail store stock inventory analytics have always played an important and vital role in society for development and growth of any individual. There are different demand prediction apps and websites being maintained contemporarily, but using them is tedious to some extent, due to the lack of articulate information regarding stocks, and the time consumed in searching the best deserving product. The problem statement, hence being tackled, is to design a product demand prediction/prediction system and to provide a probabilistic insight into customer administration for overall rating, cut-offs of the raw materials, admission intake and preferences of students. Also, it helps students avoid spending time and money oncounselor and stressful research related to finding a suitable product.



Problem Statement (PS)	I am (product demander)	I'm trying to	But	Which makesme feel
PS-1	The random forest is a IBM Cognos algorithm which is widely used in regression and classification problems.	The model performing thebest is then used to evaluate the dependent variable i.e. The chances of stock demand	Fully using python, data analytics, IBM cloud, IBM cognos	Smart work
sPS-2	It has always been a trouble some process for customers in finding the perfect product and their raw materials.	To solve thiskind of problems byusing Data analytics.	This is cost expensive than predecessor of Hard copy	Avoid papermissing. Data missing.