Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	PNT2022TMID21488
Project Name	Retail Store Stock Inventory Analysis

Milestones and Activities :

Milestones	Activities
Milestone - I	• Understanding the dataset. • Loading the dataset onto IBM Cognos Analytics.
Milestone - II	• Preparing the data. • Exploring the data. • Visualizing the data.

Milestones	Activities
Milestone - III	• Creating a login portal. • Creating an interactive Dashboard. • Monitoring user sessions and providing authentication.
Milestone - IV	• Managing the Stock Inventory. • Maintaining a clean UI to view stocks. • Providing a way to update stocks.
Milestone - V	• Monitoring Stock prices using visualization charts. • Maintaining a threshold to alert the system on understock or overstock.

Milestones	Activities
Milestone - VI	• Identifying prediction algorithms. • Selecting a suitable algorithm. • Stock Analysis Prediction on the most sold period or least sold period. • Ensuring clean and detailed visualization over a specific period of time.
Milestone - VII	• Ensuring proper alert when there is a understock/overstock situation. • Ensuring proper alert when there is a huge difference in stock prices. • Checking the algorithm's accuracy. • Improvising the algorithm if needed.