

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

Date	18 October 2022
Team ID	PNT2022TMID37679
Project Name	Retail Store Stock Inventory Analytics

Milestones and Activities :

Milestones	Activities
Milestone - I	<ul style="list-style-type: none">• Understanding the dataset.• Loading the dataset onto IBM Cognos Analytics.
Milestone - II	<ul style="list-style-type: none">• Preparing the data.• Exploring the data.• Visualizing the data.

Milestones	Activities
Milestone - III	<ul style="list-style-type: none"> • Creating a login portal. • Creating an interactive Dashboard. • Monitoring user sessions and providing authentication.
Milestone - IV	<ul style="list-style-type: none"> • Managing the Stock Inventory. • Maintaining a clean UI to view stocks. • Providing a way to update stocks.
Milestone - V	<ul style="list-style-type: none"> • Monitoring Stock prices using visualization charts. • Maintaining a threshold to alert the system on understock or overstock.

Milestones	Activities
Milestone - VI	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Ensuring proper alert when there is a understock/overstock situation. • Ensuring proper alert when there is a huge difference in stock prices.