

**Project Planning Phase**  
**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**  
**Milestones and activity list**

Date	20 October 2022
Team ID	PNT2022TMID54263
Project Name	Retail Store Stock Inventory Analysis
Team members	Prithiv R S, Lokeshwaran k, Maharaja AbishekA, Mahammad Mubharak M

**Milestones and Activities :**

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

Milestones	Activities
Milestone - III	<ul style="list-style-type: none"> <li>• Creating a login portal.</li> <li>• Creating an interactive Dashboard.</li> <li>• Monitoring user sessions and providing authentication.</li> </ul>
Milestone - IV	<ul style="list-style-type: none"> <li>• Monitoring Stock prices using visualization charts.</li> <li>• Maintaining a threshold to alert the system on understock or overstock.</li> </ul>
Milestone - V	<ul style="list-style-type: none"> <li>• Identifying prediction algorithms.</li> <li>• Selecting a suitable algorithm.</li> <li>• Stock Analysis Prediction on the most sold period or least sold period.</li> </ul> <p>Ensuring clean and detailed visualization over a specific period of time.</p>
Milestone - VI	<ul style="list-style-type: none"> <li>• Ensuring proper alert when there is a understock/overstock situation.</li> <li>• Ensuring proper alert when there is a huge difference in stock prices.</li> <li>• Checking the algorithm's accuracy.</li> </ul> <p>Improvising the algorithm if needed.</p>

