

## Project Planning Phase

### (Milestone & Activity List)

Date	17 October 2022
Team ID	PNT2022TMID32070
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	8 marks

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

S.NO	MILESTONE	ACTIVITIES	DATE
1.	Preparation Phase	Pre-requisites	24 Aug 2022
		Prior knowledge	25 Aug 2022
		Project Structure	23 Aug 2022
		Project Flow	23 Aug 2022
		Project Objectives	22 Aug 2022
		Registrations	26 Aug 2022
		IBM Cognos signin	27 Aug 2022
2.	Ideation Phase	Literature Survey	29 Aug 2022 - 03 Sept 2022
		Empathy Map	05 Sept 2022 - 7 Sept 2022
		Problem Statement	08 Sept 2022 - 10 Sept2022

		Ideation	12 Sept 2022 - 16 Sept 2022
3.	Project Design Phase -I	Proposed Solution	19 Sept 2022 - 23 Sept 2022
		Problem Solution Fit	24 Sept 2022 - 26 Sept 2022
		Solution Architecture	27 Sept 2022 - 30 Sept 2022
4.	Project Design Phase -II	Customer Journey	03 Oct 2022 - 08 Oct 2022
		Requirement Analysis	09 Oct 2022 - 11 Oct 2022
		Data Flow Diagrams	11 Oct 2022 - 14 Oct 2022
		Technology Architecture	15 Oct 2022 - 16 Oct 2022
5.	Project Planning Phase	Milestones & Tasks	17 Oct 2022 - 18 Oct 2022
		Sprint Schedules	19 Oct 2022 - 22 Oct 2022
6.	Project Development Phase	Sprint-1	24 Oct 2022 - 30 Oct 2022
		Sprint-2	30 Oct 2022 - 05 Nov 2022
		Sprint-3	06 Nov 2022- 12 Nov 2022
		Sprint-4	13 Nov 2022 - 18 Nov 2022
Sprint	Sprint-1	<ul style="list-style-type: none"> <li>Download the Dataset</li> <li>Register IBM Cognos</li> </ul>	24 Oct 2022 – 30 Oct 2022

		<ul style="list-style-type: none"> <li>• Login</li> <li>• Working with dataset</li> <li>• Upload the dataset</li> </ul>	
	Sprint – 2	<ul style="list-style-type: none"> <li>• Exploratory data</li> <li>• Visualization</li> <li>• Remove the outliers</li> </ul>	30 Oct 2022 – 05 Nov 2022
	Sprint – 3	<ul style="list-style-type: none"> <li>• Year Wise Price Using Line Graph</li> <li>• Year Wise Stock Using Line Graph</li> <li>• Top10 Sales By Year Using Line Graph</li> <li>• Top10 Revenue by Year Using Line Graph</li> <li>• Monthly Stock Using Heat Map</li> <li>• Monthly Sales Using Tree Map</li> <li>• Monthly Revenue by Pie Chart</li> <li>• Dashboard Creation</li> </ul>	06 Nov 2022 – 11 Nov 2022
	Sprint – 4	<ul style="list-style-type: none"> <li>• Summary Cards of Total Revenue, Sales, Stock, Price</li> <li>• Report</li> </ul>	13 Nov 2022 – 18 Nov 2022