Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID01297
Project Name	Project - Global Sales Data Analytics
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Downloading data	USN-1	As a user, I can download data to be analyzed	2	Medium	Harika,Harriat ,Monica,Jeni, Jayapriya
Sprint-1	Data cleaning and preparation	USN-2	As a user, I can enter my sales data to clean and prepare it for analysis	3	High	Harika,Harriat, Monica,Jeni, Jayapriya
Sprint-2	Exploratory Data Analysis	USN-3	As a user, I can identify trends and visualize them	2	Medium	Harika,Harri at,Monica,Je ni, Jayapriya
Sprint-3	Dashboard	USN-4	As a user, I can prepare an interactive dashboard	3	High	Harika,Harriat, Monica,Jeni, Jayapriya
Sprint-3	Dashboard	USN-5	As a user, I can conduct business analysis to make business decisions	2	Medium	Harika,Harriat, Monica,Jeni, Jayapriya
Sprint-4	Story	USN-6	As a user, I can make a story using cognos	2	Medium	Harika,Harriat, Monica,Jeni, Jayapriya
Sprint-4	Web page	USN-7	As a user, I can make a web page and embed the dashboard in it	3	High	Harika,Harri at,Monica,Je ni, Jayapriya

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	2	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	5	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	3	19 Nov 2022

Velocity:

The team's average velocity (AV) per iteration unit (story points per day) :

Sprint 1: AV= *Sprint duration/ velocity = 5/6 = 0.87*

Sprint 2: AV= *Sprint duration/ velocity = 4/6 = 0.67*

Sprint 3: AV= *Sprint duration/ velocity = 4/6 = 0.67*

Sprint 4: AV= *Sprint duration/ velocity = 3/6 = 0.50*

Burndown Chart:
A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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https://www.atlassian.com/agile/tutorials/burndown-charts