Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID06742
Project Name	Project – Global Sales Data Analysis
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	10	High	Reshma G, Reshma K, Sridevimanju R, Roshini M
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	Reshma G, Reshma K, Sridevimanju R, Roshini M
Sprint-2	Data Extraction	USN-3	Extraction of data and modifying the data according to the need	12	Medium	Reshma G, Reshma K, Sridevimanju R, Roshini M
Sprint-2		USN-4	Loading of data and converting it into data module, preparing it	8	Low	Reshma G, Reshma K, Sridevimanju R, Roshini M
Sprint-3	Dashboard	USN-5	Creating an efficient and creative dashboard to display	12	High	Reshma G, Reshma K, Sridevimanju R, Roshini M
Sprint-3		USN-6	Analysing and working with datasets to produce results.	8	Low	Reshma G, Reshma K,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Sridevimanju R, Roshini M
Sprint-4	Report and Story	USN-7	Using data models to create report of the given global sales data.	10	Medium	Reshma G, Reshma K, Sridevimanju R, Roshini M
Sprint-4		USN-8	Using such data models to convey a story to the user.	10	Medium	Reshma G, Reshma K, Sridevimanju R, Roshini M

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

In the Global sales analysis the average velocity of our team is,

AV = 20/6 = 3.34

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

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts