Project Planning Phase

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

Date	27 October 2023
Team ID	PNT2022TMID591205
Project Name	Project - Empowering The Future: A Literacy Rate Analysis for A Beter Future Tomorrow
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	Analysing	USN-1	As an authority I should analyse the situation of literacy rates and collect data	2	High	Member 1
Sprint-1	Requirements	USN-2	As an authority, I should list the requirements to put my plans into action	1	Low	Member 2
Sprint-2	Planning	USN-3	As an authority I should plan the action points for improving the literacy rates	2	High	Member 3
Sprint-1	Visualizations	USN-4	As an authority I should visualize the outputs and find the areas of improvement	2	High	Member 4

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	2 Days	28 Oct 2023	29 Nov 2023	20	06 Nov 2023
Sprint-2	20	2 Days	30 Oct 2022	31 Nov 2023		06 Nov 2023
Sprint-3	20	3 Days	01 Nov 2023	03 Nov 2023		06 Nov 2023
Sprint-4	20	3 Days	04 Nov 2023	06 Nov 2023		06 Nov 2023

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)

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

Burndown Chart:

A burndown 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.