

Project Planning Phase

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

Date	18 October 2023
Team ID	NM2023TMID06915
Project Name	Analytics Tools For Placements
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	Data Import and Integration	USN-1	Connect the tool to APIs for real-time data retrieval	8	High	KALA PRIYADHARSHINI KAVIYA
Sprint-2	Data Cleaning and Transformation	USN-2	Implemented automated data cleaning features to handle missing values and outliers	13	High	KALAIVARSHINI SOUNDARIYA
Sprint-3	Visualization and Exploration	USN-3	Create interactive Charts and graphs for exploring data insights	13	High	KAVIYA KALA PRIYADHARSHINI
Sprint-4	User Access and Security	USN-4	Manage user roles and permission for data security	8	High	SOUNDARIYA KALAIVARSHINI
Sprint-5	Export and Sharing	USN-5	Integrate with Collaboration platforms	5	Medium	KALA PRIYADHARSHINI KALAIVARSHINI

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	21 Oct 2023	22 Oct 2023	20	22 Oct 2023
Sprint-2	20	2 Days	23 Oct 2023	24 Oct 2023	20	24 Oct 2023
Sprint-3	20	3 Days	25 Oct 2023	27 Oct 2023	20	27 Oct 2023
Sprint-4,5	20	3 Days	21 Oct 2023	30 Oct 2023	20	30 Oct 2023

VELOCITY:

For calculating the velocity, team have 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Then calculate the team's average velocity (AV) per iteration unit (story points per day)

Average Velocity (AV) per iteration unit = Total Velocity / Number of Days

In this case, the total velocity is 20 points per sprint, and the sprint duration is 10 days. By applying the formula:

AV per iteration unit = 20 points / 10 days = 2 points per day

The team's average velocity per iteration unit is 2 story points per day. This means, on average, the team completes 2 story points worth of work each day during the 10-day sprint.

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.

