

Project Planning Phase

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

Date	24 October 2023
Team ID	NM2023TMID03860
Project Name	Data-Driven Insights on Olympic Sports Participation and Performance

Product Backlog, Sprint Schedule, and Estimation

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 and use this for future analysis	2	High	Nihal Shrivastav
Sprint-1		USN-2	As a user, I will receive many data visualisation diagrams of the datasets	1	High	Sharan R
Sprint-2		USN-3	As a user, I can use this for references	2	Medium	Abishek Vino R
Sprint-1	Login	USN-4	As a user, I can analyse and help others	2	low	Anand Kumar D
Sprint-1	Dashboard	USN-5	As a user,I can help others and create data	2	Medium	Satish Kumar

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 sept	29 sept	20	29 Oct
Sprint-2	20	6 Days	31 sept	09 sept	18	09 sept
Sprint-3	20	6 Days	07 oct	12 oct	20	12 oct ----
Sprint-4	20	6 Days	14 oct	19 oct	19	19 oct ----

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)

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

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.

