

Project Planning Phase

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

Date	17 October 2023
Team ID	NM2023TMID07510
Project Name	Project - Data-Driven Insights on Olympic Sports Participation and Performance
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.	2	High	Subaram MS

Sprint-1	Registration USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Srivignesh M
Sprint-1	Registration USN-3	As a user, I can register for the application through Facebook	2	Low	Shyam sundar s

Sprint-1	Registration USN-4	As a user, I can register for the application through Gmail	2	Medium	Yogeshwara n CM
Sprint-1	Login USN-5	As a user, I can log into the application by entering email & password	1	High	Subaram MS
Sprint-2	Dashboard USN-6	As a user, I can view a personalized dashboard with athlete performance insights.	3	High	Srivignesh M
Sprint-2	Dashboard USN-7	As a coach, I can access a dashboard displaying athlete performance data and recommendations.	3	Medium	Shyam sundar s
Sprint-2	Data Analysis USN-8	As a data analyst, I can upload athlete performance data for	5	High	Yogeshwara n CM

		analysis.			
Sprint-2	Data Analysis USN-9 Data	As a sports analyst, I can run historical performance analysis to identify trends and patterns.	5	Medium	Subaram MS
Sprint-3	Visualization USN-10	As a data analyst, I can create custom data visualizations for athlete performance insights.	4	High	Srivignesh M

Sprint-3	Predictive Modeling USN-11	As a coach, I can access predictive modeling tools to forecast athlete performance.	5	Low	Shyam sundar s
Sprint-4	Resource Allocation USN-12	As an Olympic committee member, I want to receive resource allocation recommendations based on athlete data.	5	Medium	Yogeshwara n CM
Sprint-4	Compliance Reporting USN-13	As a compliance officer, I want the system to generate compliance reports to ensure regulatory requirements.	4	High	Shyam sundar s

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	1 Day 16 Oct 2023 16 Oct 2023	16 Oct 2023	16 Oct 2023
Sprint-2	20	1 Day 17 Oct 2023 17 Nov 2023	17 Nov 2023	17 Nov 2023
Sprint-3	20	1 Day 18 Nov 2022 19 Nov 2023	19 Nov 2023	19 Nov 2023
Sprint-4	20	1 Day 19 Nov 2022 19 Nov 2023	19 Nov 2023	19 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)

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