Project Planning Phase

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

Date	28 June 2025
Team ID	LTVIP2025MID58662
Project Name	Learnhub:Your Center For Skill Enhancement
Maximum Marks	5 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	Platform Setup	USN-1	As a developer, I want to set up the Learnhub platform with front-end and backend integration.	5	High	Vinuthna,Sneha
Sprint-2	Course Management System	USN-2	As an admin, I want to add, update, and delete skill courses for students.	3	High	Vinuthna,Rajesh
Sprint-2	User Registration & Profiles	USN-3	As a user, I want to register/login and manage my skill profile and progress.	2	Medium	Sneha,Aryan
Sprint-3	Progress Tracking & Recommendations	USN-4	As a learner, I want to see my progress and get course recommendations.	3	High	Rajesh,Vinuthna
Sprint-3	Feedback System	USN-5	As a user, I want to give feedback after completing each course.	2	Low	Sneha
Sprint-4	Report Generation	USN-6	As an admin, I want to generate reports of user engagement and course success.	3	Medium	Aryan
Sprint-4	Final Deployment	USN-7	As a developer, I want to deploy Learnhub on cloud for public access.	3	High	Vinuthna,Rajesh

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	5	5 Days	4 June 2025	9 June 2025	5	10 June 2025
Sprint-2	5	6 Days	10 June 2025	15 June 2025	5	15 June 2025
Sprint-3	5	6 Days	16 June 2025	21 June 2025	5	21 June 2025
Sprint-4	6	6 Days	22 June 2025	27 June 2025	6	27 June 2025

Velocity:
Imagine we have a 20-day sprint duration, and the velocity of the team is 21 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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