Project Planning Phase

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

Date	16 June 2025
Team ID	LTVIP2025TMID59712
Project Name	LearnHub: Your Center for Skill Enhancement
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Product Backlog & Sprint Schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	As a User,I can sign up and login securely.	2	High	Kondareddy Kiran Kumar
Sprint-1		USN-2	As a User, I can reset my Password.	1	High	Kondareddy Kiran Kumar
Sprint-2	Course Registration	USN-3	As a user, I can handle the course list.	2	Low	Kurra Madhu Priya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Application	USN-4	As an instructor,I can instruct new course.	2	Medium	Kistaparapu Sai Durga
		USN-5	As a Student,I can register for a course.	1	High	Kistaparapu Sai Durga
Sprint-4	Dashboard	USN-6	As a Student,I can earn a Course Certificate.	2	Medium	Kodipilla Poojitha
		USN-7	As an Instructor,I can review course progress.	3	Low	Kodipilla Poojitha
		USN-8	As a Student,I can give feedback.	2	High	Kurra Madhu Priya

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	8 Days	16 June 2025	23 June 2025	20	23 June 2025
Sprint-2	20	8 Days	17 June 2022	24 June 2025	20	24 June 2025
Sprint-3	20	8 Days	18 June 2025	25 June 2025	20	25 June 2025
Sprint-4	20	6 Days	19 June 2022	26 June 2025		26 June 2025

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 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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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