

Project Planning Phase

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

Date:	27 June 2025
Team ID:	LTVIP2025TMID30306
Project Name:	EduTutor AI: Personalized Learning with Generative AI and LMS Integration
Maximum Marks:	5 Marks (kept as-is)

Updated Product Backlog & Sprints (Example Entries):

Sprint	Functional Requirement	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	As a user, I can register for EduTutor AI with email & password	2	High	Varshitha
Sprint-1	Email Confirmation	USN-2	As a user, I will receive confirmation email upon registering	1	High	pooja
Sprint-2	LMS Integration	USN-3	EduTutor AI integrates course modules with LMS dashboard	3	High	yamini
Sprint-2	Personalized Quiz	USN-4	System recommends quizzes based on student profile	2	High	Vishnu vardhan
Sprint-3	Feedback System	USN-5	System gives instant feedback using AI-generated responses	2	Medium	sivani

Sprint	Functional Requirement	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Progress Tracker	USN-6	Students can view their progress report	2	Medium	honey

Project Tracker, Velocity, Burndown

Sprint	Total Story Points	Duration	Start	End	Completed	Release
Sprint-1	20	6 Days	20 June 2025	25 June 2025	20	25 June 2025
Sprint-2	18	6 Days	26 June 2025	01 July 2025	-	-
Sprint-3	20	6 Days	02 July 2025	07 July 2025	-	-

Velocity

Imagine we have a 6-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):

$$\text{Velocity (points/day)} = \frac{20 \text{ points}}{6 \text{ days}} = 3.33 \text{ points/day}$$

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

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

References

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>