

Project Planning Phase

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

Date	27-06-2025
Team ID	LTVIP2025TMID59564
Project Name	EduTutor AI: Personalized Learning with Generative AI and LMS Integration
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Vallabhaneni Lakshmi Pujitha
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Tamma Jitendra Reddy
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	Tamma Jitendra Reddy
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Vallabhaneni Lakshmi Pujitha
Sprint-2	Dashboard	USN-5	As a user, I can view a personalized dashboard with my recent activity and profile settings	3	High	Maha Lakshmi
Sprint-3	Previous results	USN-6	As a user , I can view my previous results	2	Medium	Maha Lakshmi
Sprint-4	Take Quiz	USN-7	As a user , I can take quiz to improve my subject knowledge	3	High	Maha Lakshmi

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	16 Jun 2025	25 Jun 2025	20	25 Jun 2025
Sprint-2	20	6 Days	16 Jun 2025	25 Jun 2025	20	25 Jun 2025
Sprint-3	20	6 Days	16 Jun 2025	25 Jun 2025	20	25 Jun 2025
Sprint-4	20	6 Days	16 Jun 2025	25 Jun 2025	20	25 Jun 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)

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