

Project Planning Phase

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

Date	29.10.2025
Team ID	NM2025TMID05816
Project Name	Educational Management System
Maximum Marks	5 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Student Registration	USN-1	As an admin, I can register new students with validated details.	3	High	M.Prakash
Sprint-1	Course Management	USN-2	As a teacher, I can create and manage courses with subject details	3	High	G.Mohana Manikandan
Sprint-2	Attendance Module	USN-3	As a teacher, I can mark and update attendance for each class session.	4	High	A.Sarafathdeen Khan
Sprint-2	Result Management	USN-4	As an admin, I can generate and publish results for students.	3	High	S.DhanushKodi
Sprint-3	Communication Portal	USN-5	As a student, I can view notifications.	4	Medium	A.Nagarajavel

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	31 May 2025	05 June 2025	20	05 June 2025
Sprint-2	20	6 Days	06 June 2025	11 June 2025	20	11 June 2025
Sprint-3	20	6 Days	12 June 2025	18 June 2025	19	18 June 2025
Sprint-4	20	6 Days	19 May 2025	25 June 2025	20	25 June 2025

Velocity

Average Velocity = (Total Story Points Completed) / (Total Duration in Days)

→ Velocity = 1.78 points/day.

Burndown Chart

A burndown chart visually represents the amount of work remaining versus time. It helps the development team monitor progress and stay on track during each sprint. This approach is ideal for agile development in educational systems, tracking module completion rates for registration, course setup, and result publishing.