

Project Planning Phase

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

Date	27 February 2026
Team ID	LTVIP2026TMIDS60356
Project Name	Educational Organisation Using Service Now
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 student, I can register by entering personal and academic details..	2	High	1
Sprint-1	Registration	USN-2	As a student, I receive confirmation email after successful registration.	1	High	1
Sprint-1	Login	USN-3	As a user, I can log in using email and password securely.	1	Low	1
Sprint-1	Role Management	USN-4	As an admin, I can assign roles (Student/Faculty/Admin) with RBAC.	2	Medium	1
Sprint-2	Admission Management	USN-5	As an admin, I can approve or reject student admission requests	3	High	1
Sprint-2	Attendance Management	USN-6	As a faculty member, I can mark and update student attendance.	2	Medioum	1
Sprint-3	Student Performance	USN-7	As a faculty member, I can upload student marks and grades.	3	High	1

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	4	1Days	24 Nov 2025	29 Nov 2025	4	29 Nov 2025
Sprint-2	8	3 Days	31 Dec 2025	05 Jan 2026	8	05 Jan 2026
Sprint-3	3	5 Days	07 Jan 2026	12 Jan 2026	3	12 Jan 2026
Sprint-4	5	63 Days	14 Jan 2026	19 Jan 2026	5	19 Jan 2026

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)

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

Sprint Burndown Chart - Educational Organisation (ServiceNow)



