

Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2025TMID56024
Project Name	Educational Organisation Using ServiceNow
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	GH, SG
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	SJ
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	SG

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	GH
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	SJ
Sprint-2	Dashboard	USD-6	As a student, I can view my dashboard showing attendance, academic progress, and announcements.	4	High	GH, SG
Sprint-2	Dashboard	USD-7	As an admin, I can manage dashboard content such as announcements and system updates.	3	Medium	SJ
Sprint-3	Support System	USD-8	As a student, I can raise support tickets for academic or admin-related issues.	5	High	GH

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	10 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	10 Days	31 Oct 2022	05 Nov 2022	20	20 Feb 2025
Sprint-3	20	10 Days	07 Nov 2022	12 Nov 2022	20	02 Mar 2025
Sprint-4	20	10 Days	14 Nov 2022	19 Nov 2022	20	12 Mar 2025
Sprint-5	20	10 Days	13 Mar 2025	22 Mar 2025	20	22 Mar 2025
Sprint-6	20	10 Days	23 Mar 2025	01 Apr 2025	20	01 Apr 2025
Sprint-7	20	10 Days	02 Apr 2025	11 Apr 2025	20	11 Apr 2025
Sprint-8	20	10 Days	12 Apr 2025	21 Apr 2025	20	21 Apr 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)

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