Project Planning Phase

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

Date	01 November 2025
Team ID	NM2025TMID02606
Project Name	Educational Organisation Using ServiceNow
Maximum Marks	4 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 Management	USN-1	As an admin, I can create and manage student profiles with unique IDs.	3	High	A. Kumar
Sprint-1	Teacher Management	USN-2	As an admin, I can add and assign teachers to courses.	3	High	B. Meena
Sprint-2	Admission Process	USN-3	As a registrar, I can automate admission approvals using ServiceNow workflows.	5	High	A. Kumar
Sprint-2	Progress Tracking	USN-4	As a teacher, I can record marks and calculate total and percentage automatically.	4	Medium	B. Meena
Sprint-3	Notifications	USN-5	As a system user, I can receive notifications when results or admissions are updated.	3	Medium	C. Ravi
Sprint-3	Dashboard	USN-6	As an admin, I can view dashboards for admission and performance summaries.	4	Medium	A. Kumar
Sprint-4	Testing & Documentation	USN-7	As a tester, I can validate workflows and compile documentation for submission.	3	Medium	B. Meena

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	6 Days	01 Oct 2025	06 Oct 2025	6	06 Oct 2025
Sprint-2	9	6 Days	07 Oct 2025	12 Oct 2025	9	12 Oct 2025
Sprint-3	7	6 Days	13 Oct 2025	18 Oct 2025	7	18 Oct 2025
Sprint-4	6	6 Days	19 Oct 2025	24 Oct 2025	6	24 Oct 2025

Velocity:
Average Velocity = (Total Story Points Completed) / (Total Duration in Days)
$\rightarrow$ (28 points / 24 days) = **1.16 Story Points per Day**

Burndown Chart:
A burndown chart tracks remaining story points against time across sprints. It helps visualize project progress and sprint completion rates.

References:
1. https://www.atlassian.com/agile/tutorials/burndown-charts
2. https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
3. https://www.atlassian.com/agile/tutorials/burndown-charts