

Project Planning Phase

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

Date	Team ID	Project Name	Maximum Marks
02 NOV 2025	NM2025TMID02905	EDUCATIONAL ORGANISATION USING SERVICE NOW	5 Marks

Product Backlog, Sprint Schedule, and Estimation :

Sprint 1

Functional Requirement (Epic): Course Management

User Story Number: USN-1

User Story / Task: As an admin, I can create test courses (e.g., Python Basics, Data Science) for simulation.

Story Points: 2

Priority: High

Team Member: N. Durga Mahendra

Sprint 1

Functional Requirement (Epic): Enrollment Assignment

User Story Number: USN-2

User Story / Task: As an admin, I can assign students and trainers to a test course.

Story Points: 2

Priority: High

Team Member: R. S. S. Manoj

Sprint 2

Functional Requirement (Epic): Business Rule Creation

User Story Number: USN-3

User Story / Task: As a system admin, I want to create a Business Rule that blocks deletion of courses assigned to students/trainers.

Story Points: 4

Priority: High

Team Member: N. Durga Mahendra

Sprint 2

Functional Requirement (Epic): Testing

User Story Number: USN-4

User Story / Task: As a tester, I should verify that deletion is blocked for assigned courses.

Story Points: 3

Priority: High

Team Member: N. Gowtham

Sprint 2

Functional Requirement (Epic): Validation

User Story Number: USN-5

User Story / Task: As a tester, I should verify that unassigned courses can be deleted successfully.

Story Points: 2

Priority: Medium

Team Member: O. Sravan

Sprint 3

Functional Requirement (Epic): Documentation

User Story Number: USN-6

User Story / Task: As a developer, I want to document the architecture, design, and planning phases for submission.

Story Points: 3

Priority: Medium

Team Member: N. Durga Mahendra

Project Tracker, Velocity & Burndown Chart :

- 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 05 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 June 2025 25 June 2025 20 25 June 2025**

Velocity:

- Average velocity = (Total Story Points Completed) / (Total Duration in Days)
- Total: 16 points over 9 days → Velocity = 1.78 points/day

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is commonly used in Agile and Scrum project management to visualize team progress and completion rate.