# Project Planning Phase

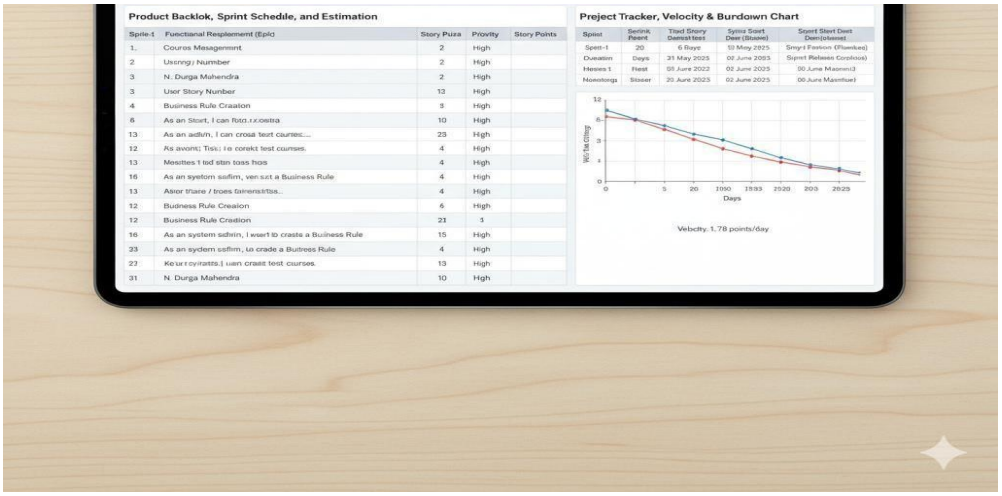
## Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

| Date | Team ID | Project Name | Maximum Marks |
|---|---|---|---|
| 02 NOV 2025 | NM2025TMID08585 | EDUCATIONAL ORGANISATION USING SERVICE NOW | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation :**

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 Course Management USN-1 As an admin, I can create test courses (e.g., Python Basics, Data Science) for simulation. 2 High N. Durga Mahendra
- Sprint-1 Enrollment Assignment USN-2 As an admin, I can assign students and trainers to a test course. 2 High R.S.S. Manoj
- Sprint-2 Business Rule Creation USN-3 As a system admin, I want to create a Business Rule that blocks deletion of courses assigned to students/trainers.4 High N. Durga Mahendra
- Sprint-2 Testing USN-4 As a tester, I should verify that deletion is blocked for assigned courses. 3 High N. Gowtham
- Sprint-2 Validation USN-5 As a tester, I should verify that unassigned courses can be deleted successfully. 2 Medium O. Sravani

- Sprint-3 Documentation USN-6 As a developer, I want to document the architecture, design, and planning phases for submission.3 Medium N. Durga Mahendra.
- 

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**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.