

Project Planning Phase

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

Date	02 November 2025
Team ID	NM2025TMID06204
Project Name	Prevent User Deletion if Assigned to an Incident
Maximum Marks	5 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 Data Management	USN-1	As an admin, I can create Salesforce table with student information fields	3	High	N. Durga Mahendra
Sprint-1	Student Data Management	USN-2	As an admin, I can configure Admin Number with auto-generation	2	High	R.S.S. Manoj

Sprint-1	Student Data Management	USN-3	As an admin, I can set up grade choices (LKG to 10th)	2	High	N. Gowtham
Sprint-2	Admission Process	USN-4	As an admin, I can create Admission table extending Salesforce	3	High	N. Durga Mahendra
Sprint-2	Admission Process	USN-5	As an admin, I can configure admission status workflow	4	High	R.S.S. Manoj
Sprint-2	Admission Process	USN-6	As a user, I want auto-population of student data in admission forms	5	High	O. Sravani
Sprint-3	Academic Management	USN-7	As an admin, I can create Student Progress table for marks tracking	3	High	N. Gowtham
Sprint-3	Academic Management	USN-8	As a teacher, I want automatic calculation of total marks	4	High	N. Durga Mahendra
Sprint-3	Academic Management	USN-9	As a teacher, I want automatic	4	Medium	O. Sravani

			percentage and result calculation			
Sprint-4	Automation & UI	USN-10	As a user, I want pincode-based address auto-fill	3	Medium	O. Sravani
Sprint-4	Automation & UI	USN-11	As an admin, I can configure optimized form designs	3	Medium	R.S.S. Manoj
Sprint-4	Documentation	USN-12	As a developer, I want to document system architecture	3	Low	N. Durga Mahendra

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	7	6 Days	31 May 2025	05 June 2025	7	05 June 2025

Sprint-2	12	6 Days	05 June 2025	11 June 2025	12	11 June 2025
Sprint-3	11	6 Days	12 June 2025	18 June 2025	11	18 June 2025
Sprint-4	8	6 Days	19 June 2025	25 June 2025	8	25 June 2025

Velocity

Total Story Points Completed: 38 points

Total Duration: 24 days

Average Velocity: $38/24 = 1.58$ points/day

Burndown Chart:

The burndown chart for this project would show:

- Starting Point:** 37 total story points
- Ideal Trend:** Straight line from 37 to 0 points over 24 days
- Actual Progress:** Consistent completion matching planned velocity
- Sprint Boundaries:** Clear drops at the end of each 6-day sprint
- Status:** On track with all sprints completed as planned

Key Metrics

- Sprint Success Rate:** 100% (all sprints completed on time)
- Scope Stability:** No scope changes during sprints
- Team Velocity:** Consistent at ~9 points per sprint
- Quality Metrics:** All user stories accepted without rework

Team Performance

- Collaboration:** Effective pairing and knowledge sharing
- Commitment:** All story points completed as planned

- **Adaptability:** Successfully handled technical challenges
- **Quality Focus:** Comprehensive testing in each sprint