

**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