

## Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2026TMIDS73881
Project Name	Prevent User Deletion in ServiceNow
Maximum Marks	5 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	User Management	USN-1	As an admin, I can create users in ServiceNow.	3	High	Ajay Pydi
Sprint-1	Incident Assignment	USN-2	As an admin, I can assign incidents to users.	2	High	Chandu Pulikonda
Sprint-1	Business Rule Creation	USN-3	As a developer, I can create a Business Rule to prevent user deletion if assigned to incidents.	5	Low	Nikhil Reddy Levaku
Sprint- 2	Validation Logic	USN-4	As a system, I should show an error message when deleting assigned users.	2	Medium	Karthikeyan Reddy Musali
Sprint- 2	Error Handling	USN-5	As a system, I should show an error message when deleting assigned users.	2	Medium	Team

Sprint-3	Testing	USN-6	As a tester, I can verify deletion blocked for assigned users and allowed for unassigned users.	3	High	Venkata Datta Chandan Sure
Sprint-3	Documentation	USN-7	As a team, we will document the project with screenshots and report.	2	Medium	Team

#### 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	10	5 Days	10 Jan 2025	15 Feb 2025	10	15 Feb 2025
Sprint-2	80	4 Days	16 Jan 2025	20 Feb 2025	8	20 Feb 2025
Sprint-3	5	3 Days	21 Jan 2025	24 Feb 2025	5	24 Feb 2025

#### Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{sprint duration} / \text{velocity} = 5 / 10 = 0.5$$

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

**Reference:**

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>