

## Project Planning Phase

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

Date	<b>02 November 2025</b>
Team ID	<b>NM2025TMID02364</b>
Project Name	<b>To Supply Leftover Food to Poor</b>
Maximum Mark	<b>5 Marks</b>

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

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 test users in ServiceNow to simulate deletion scenarios.	2	High	B.Dharani
Sprint-1	Incident Assignment	USN-2	As an admin, I can assign a test user (e.g., Kiran) to an active incident to verify deletion restriction.	2	High	I.S.Kirthiga shree

Sprint-2	Business Rule Creation	USN-3	As a system admin, I want to create a Business Rule or Flow Designer Script that blocks deletion of users assigned to incidents.	4	High	B.Dharani
Sprint-2	Testing – Block Validation	USN-4	As a tester, I should verify that deletion is blocked for users linked to active incidents.	3	High	D.Senthamilarasi
Sprint-2	Testing – Valid Deletion	USN-5	As a tester, I should verify that users not assigned to any incident can be deleted successfully.	2	Medium	A.Yazhini
Sprint-3	Documentation & Delivery	USN-6	As a developer, I want to document the	3	Medium	B.Dharani

			technical architecture, sprint plan, and final project report for submission.			
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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)	Remarks
Sprint-1	20	6 Days	31 May 2025	05 June 2025	20	05 June 2025	<input checked="" type="checkbox"/> All test users created and assigned.
Sprint-2	20	6 Days	06 June 2025	11 June 2025	20	11 June 2025	<input checked="" type="checkbox"/> Validation flow and business logic implemented.

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Sprint-3	20	6 Days	12 June 2025	18 June 2025	19	18 June 2025	<span style="color: orange;">⚠</span> Minor fixes in testing . Documentation phase started.
Sprint-4	20	6 Days	19 June 2025	25 June 2025	20	25 June 2025	<span style="color: green;">✓</span> Final documentation and demo delivery.

## Velocity Calculation

Average Velocity =  $\frac{\text{Total Story Points Completed}}{\text{Total Duration in Days}}$

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Duration in Days  
Total Story Points Completed = 16 points  
9 days = 1.78 points/day =  $\frac{16 \text{ points}}{9 \text{ days}} = 1.78 \text{ points/day}$   
 $16 \text{ points} = 1.78 \text{ points/day} \times 9 \text{ days}$

 *Team maintains consistent sprint velocity, showing stable performance and predictable delivery.*

## 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.**

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

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

[atlassian/burndown](https://www.atlassian.com/agile/principles)

-chart

## Reference:

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