

Project Planning Phase

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

Date	16 Feb 2026
Team ID	LTVIP2026TMIDS36006
Project Name	Asset Management Portal
Mentor Name	Dr Shaik Salma Begum
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 Member
Sprint-1	ServiceNow Setup	AMP-1	As a developer, I can set up a Personal Developer Instance to begin working on the Asset Management Portal.	2	High	Member 1
Sprint-1	Update Set Creation	AMP-2	As a developer, I can create and activate an update set to track configuration changes.	1	High	Member 1
Sprint-1	Asset Table Setup	AMP-3	As a developer, I can create an Asset table with auto-numbering and a custom form for capturing asset details.	3	High	Member 1
Sprint-1	Employee Table Setup	AMP-4	As a developer, I can create an Employee table with essential fields and form layout.	3	High	Member 1
Sprint-2	Relationships and UI Enhancements	AMP-5	As a developer, I can configure relationships so assets can be linked with employees (assigned to).	2	High	Member 1
Sprint-2	Related List Setup	AMP-6	As a developer, I can add asset-related history to the employee and asset form using related lists.	1	High	Member 1

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
Sprint-2	Business Rule	AMP-7	As a developer, I can implement business rules to automatically capture assignment date and status changes on assets.	2	Medium	Member 1
Sprint-3	Notifications	AMP-8	As a user, I can receive alerts for maintenance or replacement schedules when asset condition reaches a threshold.	3	Medium	Member 1
Sprint-3	Reporting	AMP-9	As a user, I can generate reports that summarize asset usage and performance categorized by department or asset type.	3	Low	Member 1

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date
Sprint-1	9	1 Day	10 Feb 2026	11 Feb 2026	9	12 Feb 2026
Sprint-2	5	1 Day	13 Feb 2026	14 Feb 2026	5	15 Feb 2026
Sprint-3	6	1 Day	15 Feb 2026	16 Feb 2026	6	16 Feb 2026

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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$