

## Project Planning Phase

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

Date	22 June 2025
Team ID	LTVIP2025TMID29498
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 3
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 4

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 2
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 3
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 3

#### 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	19 June 2025	19 June 2025	9	19 June 2025
Sprint-2	5	1 Day	20 June 2025	20 June 2025	5	20 June 2025
Sprint-3	6	1 Day	21 June 2025	21 June 2025	6	21 June 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)

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