

Project Planning Phase

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

Date	11 March 2025
Team ID	PNT2025TMID02848
Project Name	Exploring Cyber Security Understanding Threats and Solutions in the Digital Age
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedules

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Security Assessment	USN-1	As a security analyst, I can perform a vulnerability scan using Nessus to identify risks.	4	High	Udaysingh Shinde
Sprint-1		USN-2	As an analyst, I can analyze the scan results and prioritize vulnerabilities	3	High	Yashraj Patil
Sprint-2	Threat Hunting	USN-3	As a SOC analyst, I can monitor SIEM logs for suspicious activity.	4	High	Vighnesh Shinde
Sprint-2		USN-4	As a SOC analyst, I can investigate a suspicious login attempt and escalate if needed.	3	Medium	Suraj Mane
Sprint-3	Incident Response	USN-5	As an incident responder, I can analyze phishing emails for indicators of compromise.	4	High	Yashraj Patil
Sprint-3		USN-6	As an analyst, I can create a report of an incident and suggest remediation.	3	Medium	Suraj Mane

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	7 Days	10-2-2025	18-2-2025	7	22-2-2025
Sprint-2	7	7 Days	23-2-2025	1-3-2025	6	2-3-2025
Sprint-3	7	6 Days	6-3-2025	11-3-2025	7	12-3-2025

Velocity:

To measure the team's average velocity, use:

Velocity = Total Story Points Completed / Number of Sprints

For example, if the team completes 21 story points over 3 sprints, the velocity = $21/3 = 7$ story points per sprint.

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>