

Project Planning Phase

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

Date	10 March 2025
Team ID	1.15
Project Name	Project – Exploring Cyber Security Understanding Threats & Solutions in the Digital Age1
Maximum Marks	8 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	Security Assessment	USN-1	As a security analyst, I can perform a vulnerability scan using Nessus to identify risks.	4	High	4
Sprint-1		USN-2	As an analyst, I can analyze the scan results and prioritize vulnerabilities	3	High	4
Sprint-2	Threat Hunting	USN-3	As a SOC analyst, I can monitor SIEM logs for suspicious activity.	4	High	4
Sprint-2		USN-4	As a SOC analyst, I can investigate a suspicious login attempt and escalate if needed.	3	Medium	4
Sprint-3	Incident Response	USN-5	As an incident responder, I can analyze phishing emails for indicators of compromise.	4	High	4

Sprint-3		USN-6	As an analyst, I can create a report of an incident and suggest remediation.	3	Medium	4

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	22/02/2025	28/02/2025	7	01/03/2025
Sprint-2	7	7 Days	01/03/2025	07/03/2025	7	08/03/2025
Sprint-3	7	6 Days	08/03/2025	12/03/2025	6	13/03/2025

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-jirasoftware>

<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>