

## Project Planning Phase

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

Date	10 March 2025
Team ID	<b>PNT2025TMID03006</b>
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 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	Prathamesh Dive
Sprint-1		USN-2	As an analyst, I can analyze the scan results and prioritize vulnerabilities	3	High	Manoj Chougule
Sprint-2	Threat Hunting	USN-3	As a SOC analyst, I can monitor SIEM logs for suspicious activity.	4	High	Abhishek Magudum
Sprint-2		USN-4	As a SOC analyst, I can investigate a suspicious login attempt and escalate if needed.	3	Medium	Prathamesh Dive
Sprint-3	Incident Response	USN-5	As an incident responder, I can analyze phishing emails for indicators of compromise.	4	High	Amitraj Jadhav
Sprint-3		USN-6	As an analyst, I can create a report of an incident and suggest remediation.	3	Medium	Manoj chougule

**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>