ProjectPlanningPhase

**ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)**

|  |  |
| --- | --- |
| Date | 10March2025 |
| Team ID | PNT2025TMID04680 |
| ProjectName | Exploring Cyber Security Understanding Threats and Solutions in the Digital Age |
| MaximumMarks | 8Marks |

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreateproductbacklogandsprintschedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement(Epic)** | **UserStory Number** | **UserStory/Task** | **StoryPoints** | **Priority** | **Team Members** |
| Sprint-1 | SecurityAssessment | USN-1 | Asasecurityanalyst,Icanperform a  vulnerabilityscanusingNessustoidentifyrisks. | 4 | High | Siddique Sanadi |
| Sprint-1 |  | USN-2 | Asananalyst,Icananalyzethescanresultsand  prioritizevulnerabilities | 3 | High | Swapnil Patil |
| Sprint-2 | Threat Hunting | USN-3 | AsaSOCanalyst,IcanmonitorSIEMlogsfor  suspiciousactivity. | 4 | High | Siddique Sanadi |
| Sprint-2 |  | USN-4 | AsaSOCanalyst,Icaninvestigateasuspicious  loginattemptandescalateif needed. | 3 | Medium | Swapnil Patil |
| Sprint-3 | IncidentResponse | USN-5 | Asanincidentresponder,Icananalyze  phishingemailsforindicatorsofcompromise. | 4 | High | Siddique Sanadi |
| Sprint-3 |  | USN-6 | Asananalyst,Icancreateareportofan  incidentandsuggestremediation. | 3 | Medium | Swapnil Patil |

ProjectTracker,Velocity&BurndownChart:(4Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **TotalStory Points** | **Duration** | **SprintStartDate** | **SprintEndDate (Planned)** | **StoryPoints**  **Completed (as on PlannedEndDate)** | **SprintReleaseDate (Actual)** |
| Sprint-1 | 7 | 7Days | 10-2-2025 | 18-2-2025 | 7 | 22-2-2025 |
| Sprint-2 | 7 | 7Days | 23-2-2025 | 1-3-2025 | 6 | 2-3-2025 |
| Sprint-3 | 7 | 6Days | 6-3-2025 | 11-3-2025 | 7 | 12-3-2025 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Velocity:

Tomeasuretheteam’saveragevelocity,use:

Velocity=TotalStoryPointsCompleted/NumberofSprints

Forexample,iftheteamcompletes21storypointsover3sprints,thevelocity=21/3=7storypointsper sprint.

BurndownChart:

Aburndownchartis agraphical representationofworklefttodoversustime.It isoftenusedinagile [softwaredevelopment](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)methodologiessuch as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). 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>