

Project-Planning Phase

Project Planning Phase

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

Date:	26 October 2023
Team ID:	10.1
Project Name:	Ai-Enhanced Security Analytics Dashboard That Provides Real-Time Insights Into Security Events, Trends, And Risks
Maximum Marks:	8 Marks

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

Sprint Functional Requirements (Epics)

User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1 AI-1	collect and ingest log data from various sources.	3	High	-
Sprint-1 AI-2	preprocess log data for analysis.	2	High	-
Sprint-2 AI-3	employ machine learning algorithms to detect anomalies in log data.	5	High	-
Sprint-2 AI-4	generate alerts for detected anomalies.	3	Medium	-
Sprint-3 AI-5	provide a customizable dashboard for monitoring security events.	5	High	-
Sprint-3 AI-6	integrate threat intelligence feeds for better analysis.	3	Medium	-
Sprint-4 AI-7	implement user and entity behavior analytics (UEBA) for advanced threat detection.	8	High	-
Sprint-4 AI-8	have a reporting feature for compliance and analysis.	3	Medium	-

Sprint Schedule:

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	5	2 Weeks	24 Oct 2023	07 Nov 2023	-	-
Sprint-2	8	2 Weeks	08 Nov 2023	21 Nov 2023	-	-
Sprint-3	8	2 Weeks	22 Nov 2023	05 Dec 2023	-	-
Sprint-4	11	3 Weeks	06 Dec 2023	26 Dec 2023	-	-

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Velocity Calculation:

Assuming a 10-day sprint duration,

Average Velocity (AV) = Total Story Points / Total Sprint Duration

$AV = (20 + 20 + 20 + 20) / (6 + 6 + 6 + 6) = 80 / 24 = 3.33$ (approx)

Burndown Chart:

A burn down chart will be provided as a graphical representation of work left to do versus time for each sprint.

This plan outlines the development of key features for your AI-enabled SIEM tool. Adjustments can be made based on the team's progress and feedback from each sprint. Let me know if you need further refinement!