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

Date	26 October 2023
Team Id	5.2
Project name	AI-Enhanced Threat Intelligence Platform
Maximum marks	8 marks

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

Sprint	Functional requirement (epic)	User story number	User story/task	Story points	priority
Sprint 1	User Authentication and Access Control	USN 1	As a user, I want to create an account and login securely.	10	High priority
Sprint 1	Data Collection and Ingestion	USN 2	As a user, I want to import historical threat data from various sources.	6	Medium priority
		USN 3	As a user, I want to automate data ingestion and normalization.	7	Low priority

Sprint 2	Threat Data Analysis and Correlation	USN 4	As a user, I want to view a dashboard of real-time threat data	11	High priority
		USN 5	As a user, I want to receive alerts for potential threats.	9	High priority
Sprint 2	Machine Learning and AI Models	USN 6	As a user, I want the platform to continuously learn from data and adapt its threat detection.	8	Medium priority

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

Sprint	Total story points	Duration	Sprint start date	Sprint end date
Sprint 1	23	5 days	17 oct 2023	21 oct 2023
Sprint 2	28	6 days	22 oct 2023	27 oct 2023

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.

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Y-axis (Story Points Remaining)

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20|     ---
18|   /   \                   ---
16|  /     \               /     \
14| /       \             /       \          ---
12|/         \           /         \       /   \
10|           _____/             _____/     \
  |_____> X-axis (Days)
  |     Sprint Start                      Sprint End
```