Project Planning Phase

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

Date: 30 April 2025
Project Name: AI-Based Threat Intelligence Platform
Maximum Marks: 8 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	As a system, I can fetch threat data from public APIs (e.g., VirusTotal, AbuseIPDB)	3	High	
Sprint-1	Data Preprocessing	USN-2	As a system, I can clean and normalize collected data for analysis	2	High	
Sprint-2	ML Detection	USN-3	As a system, I can detect anomalies using Isolation Forest	3	Medium	
Sprint-2	Risk Scoring	USN-4	As a system, I can assign risk scores to detected threats	2	Medium	

Sprint-3	Alerting	USN-5	As a user, I can receive real-time alerts on potential threats	2	High	
Sprint-3	Dashboard	USN-6	As a user, I can view threat analysis and alerts on a web dashboard	3	High	
Sprint-4	Authentication	USN-7	As a user, I can securely log into the platform	2	High	
Sprint-4	Reporting	USN-8	As a user, I can generate a threat summary report	3	Medium	

- 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	10	6 Days	15 April 2025	21 April 2025	10	
Sprint-2	10	6 Days	22 April 2025	28 April 2025	10	

Sprint-3	10	6 Days	29 April 2025	5 May 2025	10	
Sprint-4	10	6 Days	6 May 2025	12 May 2025		

Velocity:

If each sprint is 6 days and the team completes 10 story points per sprint, the average velocity (AV) is:

10 / 6 = 1.67 story points per day

Burndown Chart:

A burndown chart will visually represent remaining work (story points) against time. Use tools like Jira, Excel, or Visual Paradigm for plotting.