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

Date	31 October 2023
Team ID	8.1
Project Name	System that uses AI for real-time data classification, leak detection, and prevention to enhance data security.
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	Team Members
Sprint-1	Real-Time Data Classification	USN-1	As a data security analyst, I need the system to classify incoming data in real-time using advanced AI algorithms to ensure swift and accurate identification of potential security threats.	2	High	Rohitha Yash Nikhil Koushik
Sprint-1	Automated Response to Anomalies	USN-2	As a cybersecurity operations manager, I require the system to automatically respond to identified data anomalies by initiating immediate security protocols and notifying relevant personnel for further investigation	2	High	Rohitha Yash Nikhil Koushik
Sprint-2	Comprehensive Data Security Reporting	USN-3	As a CIO, I need the system to generate comprehensive reports on data security measures, including real-time threat detection, incident response, and data leak prevention, to ensure regulatory compliance and effective decision-making.	1	Medium	Rohitha Yash
Sprint-3	User Access Management	USN-4	As a system administrator, I need the system to facilitate efficient user access management, allowing me to add, modify, and revoke user privileges based on their roles and responsibilities.	1	Medium	Nikhil Koushik

Sprint-4	Seamless Integration with Existing Security Infrastructure	USN-5	As a security software developer, I aim to seamlessly integrate the AI-driven security system with our existing security infrastructure, ensuring minimal disruptions and enhanced overall data protection	2	High	Rohita Yash Nikhil Koushik

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	25	8 Days	28 Sept 2023	5 Oct 2023	28	5 Oct 2023
Sprint-2	25	6 Days	7 Oct 2023	12 Oct 2023	28	12 Oct 2023
Sprint-3	25	6 Days	14 Oct 2023	18 Oct 2023	28	19 Oct 2023
Sprint-4	25	8 Days	22 Oct 2023	25 Oct 2023	28	29 Oct 2023

Velocity:

$$AV = \frac{\text{Sprint duration}}{\text{Velocity}} = \frac{25}{25} = 1$$

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.