PROJECT PLANNING & SCHEDULING

Sprint	Functional Requirements (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 1	Research and Requirement Analysis	USN 1	Identify key cybersecurity threats & vulnerabilities	5	High	Krishnav, Aryan, Bhumika, Udbhav,
		USN 2	Analyze security frameworks (NIST, OWASP, MITRE ATT&CK)	3	Medium	Krishnav, Aryan, Bhumika, Udbhav,
Sprint 2	Technology Stack Selection	USN 3	Choose tools for threat detection & penetration testing	4	High	Krishnav, Aryan, Bhumika, Udbhav,
		USN 4	Configure Nessus, Wireshark, and Snort for security testing	6	High	Krishnav, Aryan, Bhumika, Udbhav,
Sprint 3	Intrusion Detection & SIEM Implementation	USN 5	Set up & configure IDS (Snort, Suricata)	8	High	Krishnav,Aryan, Bhumika,Udbhav

		USN 6	Deploy SIEM tools (Splunk,) for log analysis	6	Medium	Krishnav, Aryan, Bhumika, Udbhav,
Sprint 4	Vulnerability Assessment & Testing	USN 7	Conduct penetration testing with Metasploit & Burp Suite	7	High	Krishnav, Aryan, Bhumika, Udbhav,
		USN 8	Scan web apps for SQL Injection, xss Vulnerabilities	5	High	Krishnav, Aryan, Bhumika, Udbhav,
Sprint 5	Incident Response Plan Development	USN 9	Draft an IRP following NIST & SANS guidelines	5	Medium	Krishnav, Aryan, Bhumika, Udbhav,
		USN 10	Define incident classification & escalation processes	4	Medium	Krishnav, Aryan, Bhumika, Udbhav,
Sprint 6	Incident Simulation & Execution	USN 11	Simulate phishing attacks & malware	6	High	Krishnav, Aryan, Bhumika, Udbhav,
		USN 12	Analyze attack impact & document mitigation strategies	5	High	Krishnav, Aryan, Bhumika, Udbhav,
Sprint 7	Post-Incident Review & Report	USN 13	Conduct a security post-mortem & lessons learned session	4	Medium	Krishnav, Aryan, Bhumika, Udbhav,
		USN 14	Finalize project report	6	High	Krishnav, Aryan, Bhumika,

			& presentation			Udbhav,

Project Tracker, Velocity & Burndown Chart:

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	8	6 Days	21 Jan 2025	26 Jan 2025	8	26 Jan 2025
Sprint-2	10	6 Days	28 Jan 2025	2 Feb 2025	8	3 Feb 2025
Sprint-3	14	6 Days	6 Feb 2025	11 Feb 2025	12	11 Feb 2025
Sprint-4	12	6 Days	14 Feb 2025	19 Feb 2025	10	20 Feb 2025
Sprint-5	9	5 Days	21 Feb 2025	26 Feb 2025	8	26 Feb 2025
Sprint-6	11	5 Days	27 Feb 2025	3 March 2025	10	4 March 2025
Sprint-7	10	5 Days	5 March 2025	10 March 2025	10	11 March 2025

Velocity:

Average Velocity (AV) Calculation:

Given Data:

- Total Story Points Completed = 66
- Number of Sprints Completed = 7

Calculation:
AV = Total Story Points / Number of Sprints
AV = 66 / 7 = 9.43 (approx.)

The team's average velocity per iteration unit (story points per sprint) is approximately **9.43**.

The Sprint Burndown Chart: