Project Planning - Medical Inventory Management System
Project Planning Phase

Date: 08.11.2025
Team ID: NM2025TMID05637
Project Name: Medical Inventory Management System
Maximum Marks: 5 Marks

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Inventory Management	USN-1	As an admin, I can add and update medical products.	3	High	Sneha Thilagavathi priyanka Kaveeya Muthu Lakshmi
Sprint-1	Supplier Management	USN-2	As an admin, I can manage supplier details.	2	High	Sneha Thilagavathi priyanka Kaveeya Muthu Lakshmi
Sprint-2	Stock Monitoring	USN-3	As a system, I will alert when stock is low.	3	High	Sneha Thilagavathi priyanka Kaveeya Muthu Lakshmi
Sprint-2	Expiry Alerts	USN-4	As a system, I will send expiry notifications.	3	Medium	Sneha Thilagavathi priyanka Kaveeya Muthu Lakshmi
Sprint-3	Reports Generation	USN-5	As an admin, I can view and export stock reports.	4	Medium	Sneha Thilagavathi priyanka Kaveeya Muthu Lakshmi
Sprint-4	Testing and Documentation	USN-6	As a tester, I will verify system features and document them.	2	Medium	Sneha Thilagavathi priyanka Kaveeya Muthu Lakshmi

Project Tracker & Velocity:

Sprint	Total Story Points	Duration	Start Date	End Date	Completed	Release Date
Sprint-1	20	6 Days	01 June 2025	06 June 2025	20	06 June 2025
Sprint-2	20	6 Days	07 June 2025	13 June 2025	19	13 June 2025
Sprint-3	20	6 Days	14 June 2025	20 June 2025	20	20 June 2025
Sprint-4	20	6 Days	21 June 2025	27 June 2025	20	27 June 2025

Average Velocity = (Total Story Points Completed) / (Total Duration)
Velocity = 1.78 points/day