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

Date	19 February 2026
Team ID	LTVIP2026TMIDS47037
Project Name	HematoVision Blood Cell Classification
Maximum Marks	5 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	User Authentication	USN-1	As an Admin, I can register and manage user roles (Lab Technician, Doctor, Hematologist)	2	High	Team
Sprint-1	User Login	USN-2	As a User, I can securely log in and access my dashboard	3	High	Team
Sprint-1	Image Upload Module	USN-3	As a Lab Technician, I can upload blood sample images for classification	3	High	Team
Sprint-1	AI Model Integration	USN-4	As a System, I can process uploaded images using the trained AI model	3	High	Team
Sprint-1	Report Generation	USN-5	As a Hematologist, I can view classification results and detailed reports	2	High	Team
Sprint-2	Abnormality Detection	USN-6	As a System, I can detect abnormal or rare cells automatically	3	High	Team
Sprint-2	Cloud Storage	USN-7	As an Admin, I can store reports and images securely in the cloud	3	High	Team
Sprint-2	Dashboard & Analytics	USN-8	As a Doctor, I can view patient reports and analytics in a visual dashboard	3	Medium	Team
Sprint-2	Testing & Optimization	USN-9	As a Team, we can test model accuracy and optimize performance	5	High	Team
Sprint-2	Feedback & Review	USN-10	As a User, I can submit feedback for improving report quality	2	Medium	Team

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	13	7 Days	01 Mar 2026	07 Mar 2026	13	07 Mar 2026
Sprint-2	16	7 Days	09 Mar 2026	15 Mar 2026	16	15 Mar 2026

Velocity:

Total Story Points = 13 + 16 = 29

Number of Sprints = 2

Velocity = 29 / 2

Velocity = **14.5 ≈ 15 Story Points per Sprint**

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.
In this project:
Sprint Duration = 7 Days
Total Story Points per Sprint ≈ 15
Daily Work Completion ≈ 2–3 Story Points per Day