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

Date	15 February 2025
Team ID	LTVIP2026TMIDS34705
Project Name	DocSpot – Seamless Doctor Appointment Booking System
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a patient, I can register using name, email, password and phone number.	2	High	Sagarapu Bharghavi, Marreddi Lalitha Devi
Sprint-1	Registration	USN-2	As a doctor, I can apply for registration with profile details and specialization.	1	High	N Tejaswi, Goteti Sesha Venkata Saketh Ram
Sprint-2	Doctor Management	USN-3	As a patient, I can view list of approved doctors.	2	Low	Nimmala Durga Mahendra
Sprint-1	Login	USN-4	As a user, I can log in using email and password and receive JWT token.	2	Medium	Sagarapu Bharghavi, Marreddi Lalitha Devi
Sprint-1	Authentication	USN-5	As a system, role-based access control (Patient/Doctor/Admin) must be implemented.	1	High	

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	20	6 Days	24 Oct 2025	29 Oct 2025	20	29 Oct 2025
Sprint-2	20	6 Days	31 Oct 2025	05 Nov 2025		
Sprint-3	20	6 Days	07 Nov 2025	12 Nov 2025		
Sprint-4	20	6 Days	14 Nov 2025	19 Nov 2025		

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts