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

Date	20 February 2026
Team ID	LTVIP2026TMIDS56110
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks

Sprint	Functional Requirement (Epic)	User Story No	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register using email & password	3	High	Team A
Sprint-1	Registration	USN-2	As a user, I receive confirmation after registration	2	High	Team A
Sprint-1	Login	USN-3	As a user, I can login using email & password	2	High	Team B
Sprint-1	Doctor Management	USN-4	As admin, I can add doctor details	3	Medium	Team B
Sprint-1	Doctor Management	USN-5	As a user, I can view doctor list	2	High	Team C
Sprint-2	Appointment Booking	USN-6	As a user, I can select date & time	3	High	Team A
Sprint-2	Appointment Booking	USN-7	As a user, I can book appointment	5	High	Team B
Sprint-2	Appointment Management	USN-8	As a user, I can cancel appointment	3	Medium	Team C
Sprint-2	Dashboard	USN-9	As admin, I can view dashboard	4	Medium	Team B
Sprint-2	Notification	USN-10	As a user, I receive SMS confirmation	3	Medium	Team A

Total Story Points

- Sprint-1 = 12

- Sprint-2 = 18

- Total = 30 Story Points

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	12	6 Days	01 Feb 2026	06 Feb 2026	12	06 Feb 2026
Sprint-2	18	6 Days	08 Feb 2026	13 Feb 2026	18	13 Feb 2026
Sprint-3	16	6 Days	15 Feb 2026	20 Feb 2026	-	-
Sprint-4	16	6 Days	22 Feb 2026	27 Feb 2026	-	-

Velocity:

Total Story Points Completed

= 12 + 18

= 30

Number of Completed Sprints = 2

Velocity = 30 / 2

👉 **15 Story Points per Sprint**

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)

Average Velocity Per Day

If Sprint Duration = 6 Days

Velocity = 15 Points per Sprint

Average Velocity per Day (AV)

= 15 / 6

= 2.5 Story Points per Day

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.

A Burndown Chart shows the remaining work versus time.

In this project:

- X-axis represents sprint days (1–6)

- Y-axis represents story points

- The ideal line decreases evenly from total story points to zero

- The actual line shows real progress

If work is completed on time, the actual line matches the ideal line.