

Project Planning Phase

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

Date	26-06-2025
Team ID	LTVIP2025TMID58998
Project Name	DocSpot: Seamless appointment Booking for Health
Maximum Marks	5 Marks

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

Product Backlog & Sprint Schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Authentication	USN-1	As a user, I can sign up and log in securely.	3	High	
		USN-2	As a user, I can reset my password.	2	Medium	
Sprint-2	Doctor Discovery & Booking	USN-3	As a patient, I can search and filter doctors by location/speciality.	2	High	
Sprint-3	Profile Management	USN-4	As a doctor, I can set up and update my profile and availability.	3	High	
		USN-5	As a user, I can update my profile information.	2	High	
		USN-6	As a user, I can send/receive messages.	2	Medium	
Sprint-4	Payment Integration & Reviews	USN-7	As a client, I can pay freelancers securely.	3	High	
		USN-8		2	Medium	

			As a user, I can leave a review after project completion.			
		USN-9	As a user, I can change my password.	2	Medium	

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	20	6 Days	1 May 2025	2 June 2025	20	2 June 2025
Sprint-2	20	6 Days	3 May 2025	4 June 2025	20	4 June 2025
Sprint-3	20	6 Days	5 May 2025	6 June 2025	20	6 June 2025
Sprint-4	20	6 Days	7 May 2025	8 June 2025	20	8 June 2025

Case Study: Book a Doctor App – A Scenario-Based Journey

1. User Registration:

Emily, a patient in need of a routine health check-up, downloads the Book a Doctor mobile app. To begin, she registers as a new user by entering her email and setting a secure password. After successfully registering, Emily is greeted with a welcome message and prompted to log into her new account.

2. Exploring Available Doctors:

Once logged in, Emily is taken to the main dashboard, where she sees a list of doctors available for appointments. The app offers easy-to-use filters allowing her to search based on specialty, location, and available time slots. Using these filters, Emily narrows her search to find a nearby family physician who is available for a check-up.

3. Booking an Appointment:

Emily selects Dr. Aaron Patel, a family physician listed in her area, and clicks the “Book Now” button. A form appears asking her to choose a preferred date and time for her visit. She is also prompted to upload relevant documents, such as her past medical records and insurance information. After completing the form, Emily submits her booking request and receives an instant message confirming that her request is being reviewed.

4. Appointment Confirmation:

Dr. Patel checks his schedule and reviews Emily’s submitted information. Finding a suitable slot, he confirms the appointment. Emily is then notified via both email and SMS that her appointment is scheduled. The confirmation includes the appointment date, time, and clinic address.

5. Managing the Appointment:

As the appointment day approaches, Emily accesses the “My Appointments” section of the app to view her booking. From there, she can choose to cancel or reschedule the appointment if needed. The app also allows her to contact Dr. Patel or reach out to customer support for assistance.

6. Doctor Verification (Admin Role in Background):

Behind the scenes, the app’s administrator plays a vital role in maintaining quality. Every new doctor registration is carefully reviewed and verified. For instance, Dr. Patel’s credentials were validated before he was approved to appear on the platform. This ensures that only licensed healthcare professionals are listed, in line with medical regulations and platform policies.

7. Platform Oversight and Governance:

The admin also manages overall platform operations—resolving user disputes, reviewing feedback, updating system features, and ensuring all activity complies with privacy laws and terms of service. Their role is crucial in keeping the app secure, efficient, and user-friendly for both doctors and patients.

8. Doctor’s Appointment Dashboard:

On the appointment day, Dr. Patel logs into his doctor dashboard to review his schedule. He sees Emily’s confirmed appointment and prepares accordingly. Throughout the day, he uses the dashboard to track, update, and manage all patient appointments, helping him stay organized and provide timely care.

9. Patient Consultation:

Emily arrives at Dr. Patel's clinic at the scheduled time. During the consultation, Dr. Patel conducts a routine health check-up, discusses Emily's concerns, and offers professional medical advice. Emily leaves the clinic feeling reassured and satisfied with the care received.

10. Post-Appointment Follow-up:

After the visit, Dr. Patel updates Emily's digital medical records through the app. He adds notes on the consultation, prescribed medications, and any further instructions. Emily receives a summary of the visit, including a digital prescription and follow-up recommendations, directly in the app for future reference.