

Project Planning Phase

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

Date	16 February 2026
Team ID	LTVIP2026TMIDS35442
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 Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Environment Setup	USN-01	Set up MERN project structure (backend + frontend folders), install dependencies (Express, Mongoose, React, Bootstrap)	2	High	Adithya, Satya
Sprint-1	Database Setup	USN-02	Configure MongoDB Atlas connection, create database models (User, Doctor, Appointment)	3	High	Siva, Satya Sai
Sprint-1	Authentication Backend	USN-03	Implement user registration and login APIs with JWT and bcrypt password hashing	3	High	Adithya, Siva
Sprint-1	Authentication Frontend	USN-04	Create Login and Register pages with form validation and token storage	3	High	Satya Sai, Satya
Sprint-2	Doctor Listing	USN-05	Create backend APIs to fetch approved doctors with filters by specialization	3	High	Adithya, Siva

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Doctor Discovery UI	USN-06	Build Doctors List page with filter dropdown and doctor cards showing basic info	3	High	Satya Sai, Satya
Sprint-2	Doctor Profile	USN-07	Create Doctor Profile page displaying qualifications, experience, fees	2	High	Satya, Satya Sai
Sprint-2	Appointment Booking Backend	USN-08	Implement appointment booking API with date, time slot, reason, document upload	3	High	Adithya, Siva
Sprint-2	Appointment Booking UI	USN-09	Build Booking form with date picker, time slots, reason field, document upload	3	High	Satya Sai, Satya
Sprint-3	Patient Dashboard	USN-10	Create Patient Dashboard showing upcoming appointments and quick stats	2	High	Adithya, Satya Sai
Sprint-3	My Appointments Page	USN-11	Build My Appointments page with status badges (pending/approved/rejected) and cancel option	3	High	Satya, Satya Sai
Sprint-3	Doctor Dashboard	USN-12	Create Doctor Dashboard with pending/approved/completed counts and quick access	2	High	Adithya, Satya Sai
Sprint-3	Doctor Appointments Management	USN-13	Build Doctor Appointments page to view requests with approve/reject buttons	3	High	Satya Sai, Siva
Sprint-3	Doctor Profile Management	USN-14	Create Doctor Profile edit page with qualifications, fees, day-wise timings	3	Medium	Adithya, Satya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Admin Dashboard	USN-15	Build Admin Dashboard with platform statistics (users, doctors, appointments)	2	High	Siva, Satya
Sprint-4	Doctor Approval	USN-16	Create Pending Doctors list for admin with approve/reject functionality	3	High	Adithya, Satya Sai
Sprint-4	User Management	USN-17	Build Manage Users page listing all patients and doctors with filters	2	Medium	Satya, Satya Sai
Sprint-4	Appointment Oversight	USN-18	Create Manage Appointments page for admin with status and date filters	2	Medium	Adithya, Satya
Sprint-4	UI Polish & Testing	USN-19	Implement consistent blue/white theme, responsive design, loading states, error handling	3	High	All Members

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	11	7 Days	22 Jan 2026	28 Jan 2026	11
Sprint-2	12	7 Days	29 Jan 2026	03 Jan 2026	12
Sprint-3	12	6 Days	04 Feb 2026	09 Feb 2026	12
Sprint-4	13	6 Days	10 Feb 2026	15 Feb 2026	13

Summary Statistics

Metric	Value
Total Story Points	48
Total Sprints	4
Sprint Duration	6 / 7 Days each
Average Velocity	12 story points/sprint
Team Size	4 Members
Project Duration	4 Weeks (approximately)
Completion Date	15 Feb 2026

Burndown Chart:

