

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	17 February 2026
Team ID	LTVIP2026TMIDS56110
Project Name	DocSpot – Online Doctor Appointment Booking System
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Many patients face difficulty in booking doctor appointments quickly, checking doctor availability, and managing medical consultations digitally. Hospitals still rely on manual booking systems which cause long waiting times and poor patient experience.

The screenshot shows a web-based template for a brainstorming session. On the left, there's a sidebar with a lightbulb icon and the project title "Project: DocSpot – Online Doctor Appointment Booking System". It includes preparation time (10 minutes), collaboration time (1 hour), and recommended participants (2-8 people). Below this is a large empty area for notes.

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

15 minutes

Selected Problem Statement

Many patients face difficulty in booking doctor appointments quickly, checking doctor availability, and managing medical consultations digitally. Hospitals still rely on manual booking systems which cause long waiting times and poor patient experience.

Key rules of brainstorming

To run an smooth and productive session

- Stay on topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

1 Brainstorm

Write down any ideas that come to mind that address your problem statement.

⌚ 10 minutes

1 Group ideas

Take turns sharing your idea while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label if a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

⌚ 20 minutes

Gowhami

- A. Core Features
 - User Registration & Login
 - User Authentication
 - Doctor Registration & Profile Creation
 - Book Doctor Appointments
 - Book Doctor Appointments
 - Location
 - Available Doctors
 - Appointment Scheduling System
 - Appointment Confirmation

Shagavi

- B. Advanced Features
 - Online Payment Integration
 - Video Consultations
 - Chat with Doctor
 - Prescription Upload & Download
 - AI/ML-Based Appointment Scheduling System
 - Rating & Review System

C. UX/UI Improvements

- Clean Interface
- Dark Mode
- Video Consultation Design
- Doctor Availability
- Prescription Management
- Filter & Sort Options
- Personalized Doctor Finder
- Home Screen

Core Functional Features:

The core features focus on solving the primary problem of appointment booking and user management. The system should allow patients to create accounts and log in securely using authentication mechanisms such as JWT. Doctors should also be able to register and create professional profiles including their specialization, experience, consultation fees, and available time slots. A search functionality should be implemented so patients can easily find doctors based on specialization, location, or availability. Once a suitable doctor is found, patients should be able to book appointments online without physically visiting the hospital. The system should also allow appointment cancellation or rescheduling. An admin dashboard should be included to manage users, doctors, appointments, and monitor overall platform activity. These features form the foundation of the DocSpot application.

Advanced & Value-Added Features

To enhance user experience and make the system more modern, several advanced features were proposed. Online payment integration would allow patients to pay consultation fees securely while booking appointments. Video consultation functionality would enable online medical consultations, especially useful for remote patients. A real-time chat system between doctor and patient can improve communication and follow-up discussions. The platform could also allow doctors to upload digital prescriptions, which patients can download later. Automated email or SMS reminders before appointments would reduce missed consultations. Additionally, adding a ratings and reviews system would help patients make informed decisions when selecting doctors. These features increase convenience and platform value.

User Interface & Experience Improvements

A clean and intuitive user interface is essential for usability. The team suggested designing a simple and responsive dashboard that works smoothly on both desktop and mobile devices. A doctor availability calendar view would make booking easier. Filters and sorting options should be added for better search results. Dark mode support can be implemented to improve visual comfort for users. The overall aim is to make the platform easy to navigate and user-friendly.

Step-3: Idea Prioritization

1 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⌚ 20 minutes

Final Prioritized Features for MVP (Minimum Viable Product)

1. User Authentication
2. Doctor Profile Management
3. Search & Find Doctors
4. Appointment Booking System
5. Admin Dashboard

Final Consideration

- First build Core Functional Features
- Then add Advanced Features
- Finally improve UI & Performance

Importance

Feasibility

Top-Left: Needs Work - Identifying the basic functionality of the core product of value. (e.g., booking, scheduling)

Top-Right: Priority - Identifying core features that are high priority but feasible to implement quickly.

Bottom-Left: Evaluate Later - Ideas that are low importance and low feasibility.

Bottom-Right: Evaluate Later - Ideas that are low importance but high feasibility.

Feasibility

Importance

Top-Left: Needs Work - Ideas that are high importance but low feasibility.

Top-Right: Priority - Ideas that are high importance and high feasibility.

Bottom-Left: Evaluate Later - Ideas that are low importance and high feasibility.

Bottom-Right: Evaluate Later - Ideas that are low importance and low feasibility.