

## 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.



### Project: DocSpot – Online Doctor Appointment Booking System

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare  
👥 1 hour to collaborate  
👤 2-8 people recommended

#### 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.

⌚ 5 minutes

- Team gathering**
  - Project Lead
  - Frontend Developer
  - Backend Developer
  - UI/UX Designer
- Set the goal**

Provide an easy-to-use platform to:

  - Search doctors
  - Book appointments
  - Manage schedules
  - Reduce waiting time
  - Improve hospital efficiency
- Learn how to use the Facilitation Tools**

Use the Facilitation Superpowers to run a happy and productive session.

#### 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.

⌚ 5 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

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### Brainstorm

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

10 minutes



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### Group Ideas

Take turns sharing your ideas 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

#### 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.

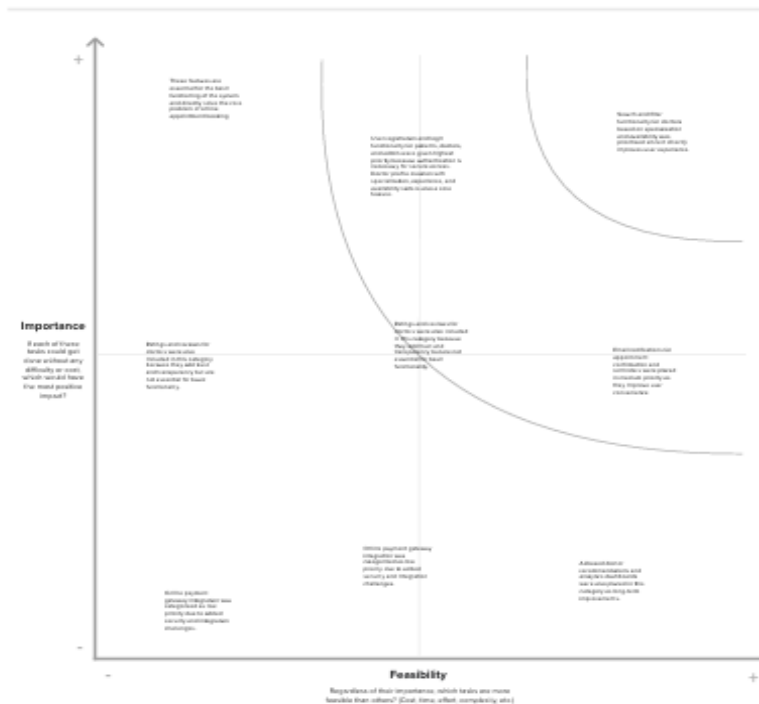
## Step-3: Idea Prioritization

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### 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 & Filter Doctors
4. Appointment Booking System
5. Admin Dashboard

#### Final Conclusion

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