

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	17 July 2025
Team ID	LTVIP2025TMID54894
Project Name	DocSpot: Seamless Appointment Booking for Health
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming in the context of DocSpot fosters an open and collaborative environment where every team member actively contributes to solving real-world healthcare communication and appointment management challenges. Emphasizing idea quantity over immediate feasibility, the team welcomed out-of-the-box concepts to revolutionize the interaction between doctors and patients. Each participant played a role in nurturing and refining creative thoughts, ultimately converging on a practical, tech-driven solution that enhances accessibility, efficiency, and transparency in medical consultations. This template guided our remote brainstorming sessions, helping the team shape DocSpot's vision into a clear, impactful product roadmap.

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

The team initiated the ideation phase by coming together to align on a shared goal: building a solution that addresses the inefficiencies in the way patients connect with medical professionals, especially in semi-urban and student-heavy areas.

Through collaborative discussion and evaluation of multiple real-world challenges, the team unanimously selected the following problem statement:

Design a web-based platform to simplify doctor-patient communication, manage appointments, and provide an efficient, secure, and user-friendly interface for both doctors and patients.

This problem statement was selected due to its relevance, scope for innovation, and potential to create a meaningful social impact. The brainstorming kickoff emphasized inclusive participation, allowing every team member to share experiences, challenges, and potential opportunities in the current healthcare communication system.

Step-2: Brainstorm, Idea Listing and Grouping

With the problem statement in focus, the team conducted multiple brainstorming sessions to explore possible features and workflows that could effectively bridge the communication gap between patients and doctors.

Each idea was listed freely without judgment, prioritizing quantity over refinement to encourage creativity. The ideas were then grouped based on common themes to simplify prioritization and development planning.

Raw Idea Listing:

- Online doctor registration with profile verification
- Patient registration and authentication

- Doctor listing with filters (specialization, fees, availability)
- Secure appointment booking system
- Notifications/reminders for both patients and doctors
- Doctor dashboard to manage profile and appointments
- Admin panel to approve doctor registrations and monitor activity
- Uploading and viewing prescriptions/visit summaries
- Patient feedback or rating system
- Responsive and accessible UI for all user roles
- Profile image and bio display for doctors
- Appointment cancellation and rescheduling by users

Grouped Ideas:

1. Authentication & User Roles:
 - Separate login for patients, doctors, and admins
 - Manual doctor approval by admin
2. Appointment Management:
 - Book/cancel/reschedule appointments
 - View upcoming and past appointments
 - Doctor's availability scheduling
3. Doctor Profile & Search:
 - Profile image, specialization, experience, fees
 - Filters/search functionality on patient side
4. Admin Supervision:
 - Doctor verification/approval
 - Admin control panel to manage doctors and appointments
5. Patient Experience:
 - Notifications/reminders
 - Visit summary viewing
 - Feedback system

Step-3: Idea Prioritization

Once the ideas were grouped, our team evaluated them based on **Impact**, **Feasibility**, and **User Value**. This allowed us to prioritize the core features for the MVP (Minimum Viable Product) of **DocSpot** — a smart appointment booking platform designed to streamline communication between doctors and patients.

We used a prioritization matrix to rank each idea:

Idea / Feature	Group	Impact	Feasibility	Priority
Secure login for users, doctors, admin	Authentication	High	High	High
Admin approval of doctor registration	Admin Control	High	Medium	High
Doctor profile with specialization	Doctor Management	High	High	High
Appointment booking	Appointment Management	High	Medium	High
Appointment cancellation/rescheduling	Appointment Management	Medium	Medium	Medium
Upload profile image	Doctor Profile	Medium	Medium	Medium
Notifications for appointments	Communication	Medium	Low	Medium
View visit summaries	Patient Engagement	Medium	Medium	Medium
Doctor rating/feedback	Patient Engagement	Medium	Low	Low
Search doctors with filters	Doctor Search	High	Medium	High
Admin dashboard to manage data	Admin Control	High	Medium	High

Priorities for MVP Implementation

- Authentication for all roles
- Admin-controlled doctor approval
- Doctor profile creation and listing
- Appointment booking
- Appointment management
- Doctor search and filter
- Admin dashboard

These features will form the core of DocSpot’s initial release. Features with medium/low priority will be planned for future phases based on user feedback and available resources.