

## Ideation Phase Brainstorm & Idea Prioritization

Date	31 January 2025
Team ID	SWTID1743517106
Project Name	MEDICARE: Book A Doctor Using MERN
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization:

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

Our team came together with a shared interest in addressing real-life healthcare challenges through the use of technology. We held our brainstorming sessions both virtually—using platforms like Google Meet and WhatsApp—and in person. To organize our ideas and collaborate effectively, we used tools such as Google Docs and Notepad.

After discussing several ideas, we decided to focus on the problem: “How can we simplify and improve the process of finding and booking doctor appointments through an online platform?”

Reference: <https://pmc.ncbi.nlm.nih.gov/articles/PMC5425771/>

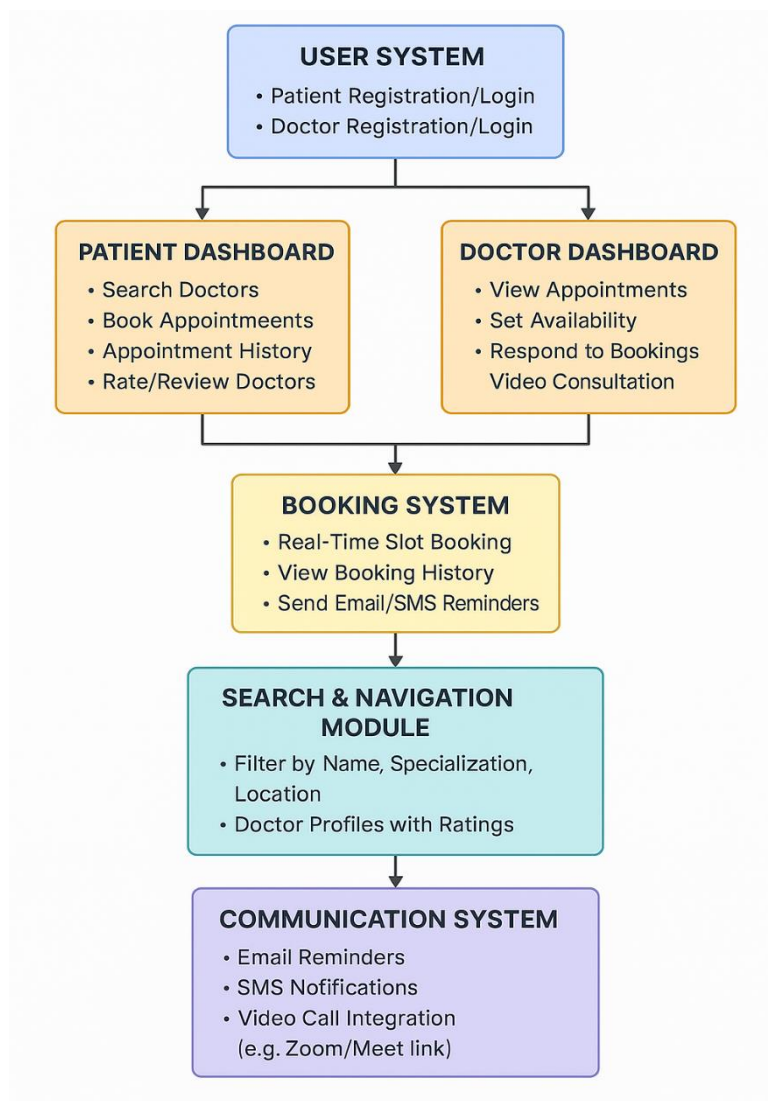
#### Step-2: Brainstorm, Idea Listing and Grouping

Raw Ideas:

- Patient registration and login
- Doctor profiles with specialization
- Real-time slot booking
- Admin panel for managing users
- Search filter by specialization/location
- Appointment history
- Ratings and reviews for doctors
- Email/SMS reminders for bookings
- Video consultation support

## Grouped Ideas:

- User System: Login/Register, Patient/Doctor roles
- Booking System: Slot selection, real-time booking, history
- Search & Navigation: Filter by name, location, specialization
- Communication: Notifications, email reminders, online consultation
- Admin Features: View users, manage appointments



### **Step-3: Idea Prioritization**

After grouping, we prioritized features based on three main criteria:

1. **User Necessity** – Is it a core feature needed for the app to work?
2. **Development Feasibility** – Can it be implemented with our current skills?
3. **Time Constraints** – Can we finish it within our project timeline?

#### **High Priority (Must-Have)**

- User login/registration system
- Doctor profiles and search
- Real-time booking slots
- Appointment history
- Admin dashboard

#### **Medium Priority (Should-Have)**

- Email/SMS reminders
- Ratings and reviews
- Video consultation integration

#### **Low Priority (Can Add Later)**

- Payment integration
- Doctor availability analytics