Ideation Phase
Brainstorm & Idea Prioritization

Date	25 March 2025
Team ID	SWTID1743701170
Project Name	Book A Doc
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

Brainstorming provides a **free and open environment** that encourages everyone within a team to participate in the **creative thinking process** that leads to **problem solving**. Prioritizing volume over **value**, **out-of-the-box** ideas are welcome and built upon, and all participants are encouraged to **collaborate**, **helping each other** develop a rich amount of **creative solutions**.

Reference:
https://app.mural.co/t/smartbrirdgemernproject5261/m/smartbrirdgemernproject5261/1744432238215/6f9dbf06aa2d59be2cd2671424b6dd7b16287d24?sender=u2a4916cc5bc9c1dbe59a8735

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

Step-2: Brainstorm, Idea Listing and Grouping

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Raw Ideas Generated:
- Multi-user login system (Admin, Doctor, Patient)
- Real-time appointment booking with time slots
- Doctor profile management
- Patient dashboard for managing appointments
- Admin dashboard for managing doctors and appointments
- Online payment integration for appointment fees
- Responsive frontend using React
- RESTful APIs using Express and Node.js
- MongoDB for database management
- Authentication using JWT
- Profile and earning analytics for doctors
- Email/SMS notification system

Grouped Ideas:
- User Access & Roles: Patient login, Doctor login, Admin login
- Appointments: Booking, cancellation, time slot management
- Payment Integration: Online payment system for appointment fees
- Data Management: MongoDB for storing users, appointments, earnings
- Frontend Design: User-friendly interface using React.js
- Backend System: REST APIs using Express.js and Node.js
- Security: Secure login with JWT, role-based access
- Dashboards: Separate dashboards for Admin, Doctors, and Patients
- Notifications: Email reminders for appointments (future enhancement)

Step-3: Idea Prioritization

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High Priority:
- Patient, Doctor, Admin login system
- Appointment booking & management system
- Doctor profile management
- Admin dashboard with control over all operations
- Secure backend with role-based access
- Online payment integration

Medium Priority:
- Notification system (Email/SMS)
- Analytics on earnings and appointments
- Detailed appointment history for users

Low Priority:
- Review & Rating system for doctors
- Chat feature between doctor and patient
- Mobile app version