Date	20 February 2026
Team ID	LTVIP2026TMIDS35287
Project Name	Docspot - Seamless Appointment Booking System
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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.

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.

Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

Step 1: Team Gathering, Collaboration and Selection of Problem Statement

Discussion Points

- Long waiting time in hospitals
- Manual appointment booking system
- No real-time doctor availability tracking
- Overlapping appointment scheduling
- Lack of centralized patient records
- Poor communication between patients and doctors

Selected Problem Statement

Patients face difficulty in booking and managing doctor appointments due to manual scheduling systems, lack of real-time availability tracking, inefficient communication, and poor workflow management.

Step 2: Brainstorming, Idea Listing and Grouping

Generated Ideas

- Online appointment booking system
- Real-time slot availability
- Appointment rescheduling option
- Appointment cancellation feature
- User registration and login
- JWT-based authentication
- Doctor profile viewing
- Appointment history tracking
- Medical document upload
- Doctor registration request
- Admin approval workflow
- Accept or reject appointments
- Manage availability
- Role-based access control
- Password encryption using bcrypt
- MongoDB database storage
- REST API using Node.js and Express
- Responsive frontend using React

Step 3: Idea Prioritization

High Priority

- Online appointment booking system
- Real-time slot management
- JWT authentication
- Doctor approval workflow
- Role-based dashboard
- Appointment approval and rejection
- Secure database storage

Medium Priority

- Email notification system
- Doctor rating system
- Advanced search filters

Low Priority

- Online payment integration
- Video consultation

- AI-based recommendation system
- Multi-language support

Final Selected Solution

Develop a MERN stack-based web application named "DocSpot" that enables patients to book appointments online, allows doctors to manage appointment requests and availability, and enables administrators to monitor and control the system efficiently.