Ideation Phase
Brainstorm & Idea Prioritization Template

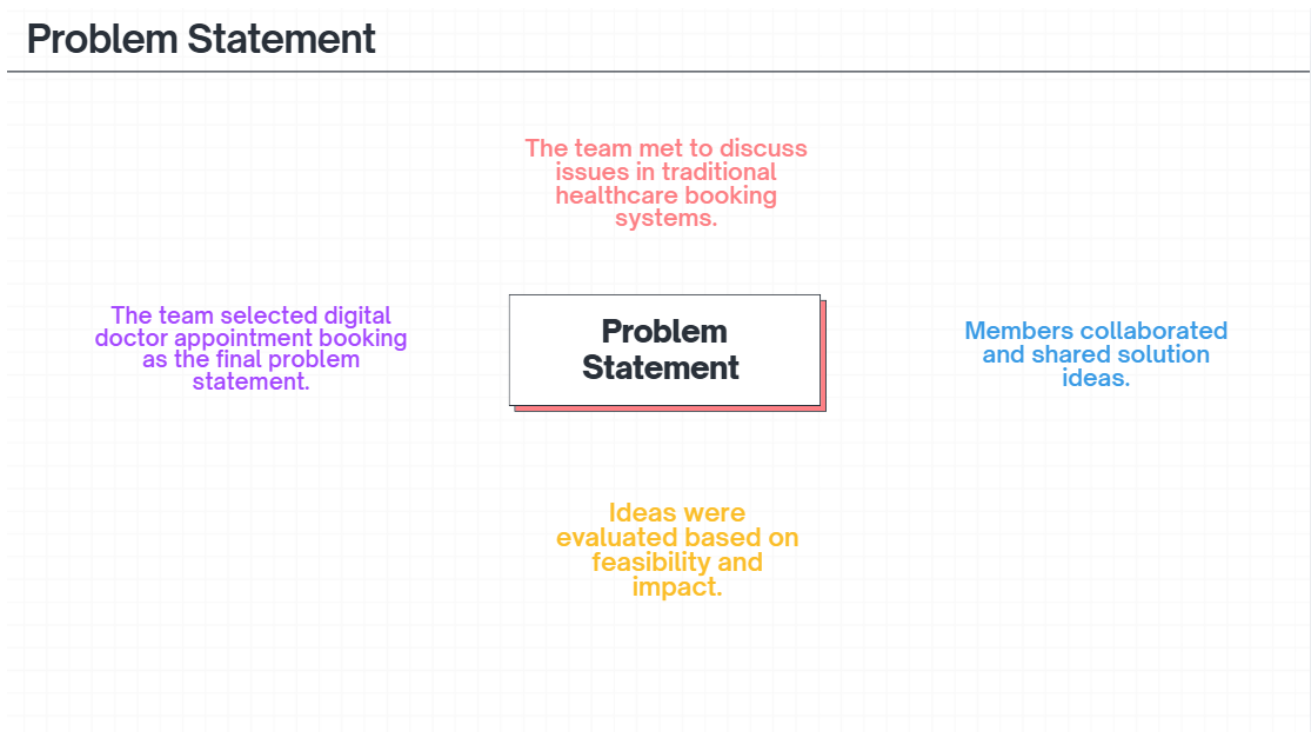| Date	16 February 2026
Team ID	LTVIP2026TMIDS34705
Project Name	DocSpot – Seamless Doctor Appointment Booking System
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

The brainstorming and idea prioritization process for **DocSpot – Seamless Doctor Appointment Booking System** focused on identifying key challenges in traditional healthcare appointment systems, such as manual booking methods, long waiting times, scheduling conflicts, and lack of transparency in doctor availability. The team conducted structured discussions to explore practical and technology-driven solutions that could improve efficiency and user experience. Various ideas were generated, including online appointment booking, real-time slot visibility, role-based access control for patients, doctors, and admins, and secure authentication using JWT and bcrypt. Advanced ideas like telemedicine integration, online payments, and AI-based recommendations were also considered.
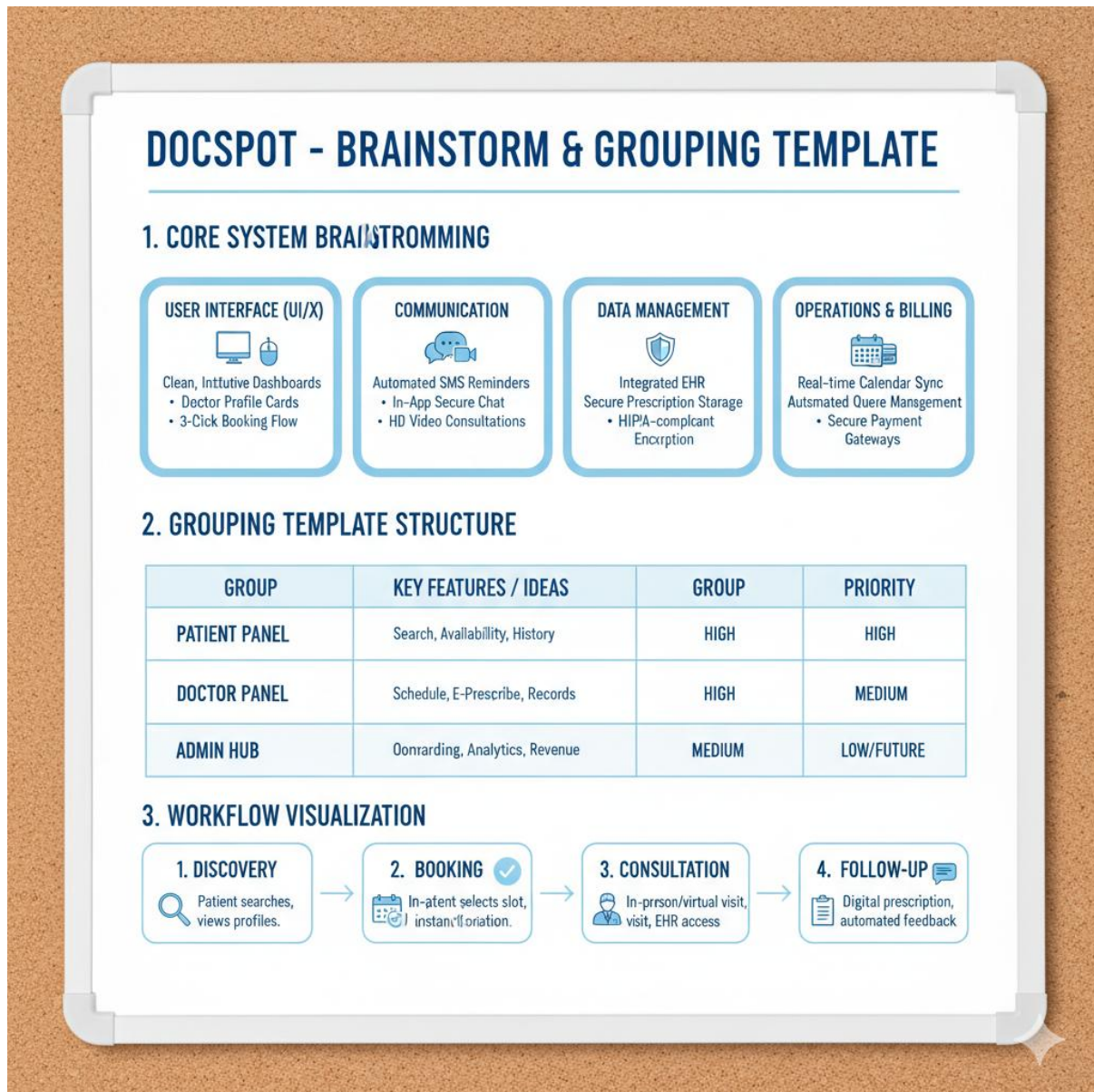
Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

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

Step-2: Brainstorm, Idea Listing and Grouping

During the brainstorming phase, the team identified key problems in traditional healthcare appointment systems and generated multiple solution ideas such as online booking, real-time availability, role-based access, and secure authentication.
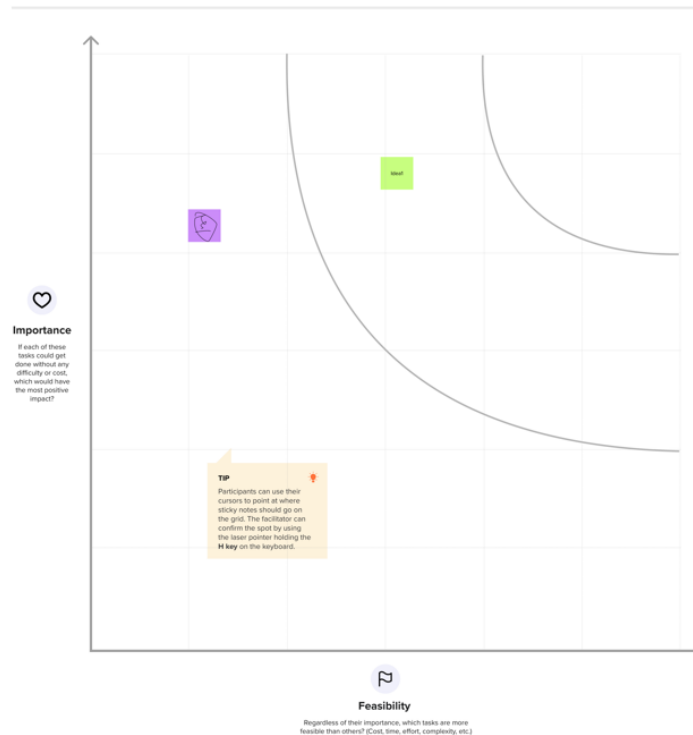
Step-3: Idea Prioritization

Idea prioritization was carried out by evaluating each proposed feature based on its impact, feasibility, development time, cost, scalability, and security. Core functionalities such as user registration, doctor listing, appointment booking, and role-based access control were marked as high priority for the initial release, while advanced features like telemedicine, payment integration, and AI recommendations were planned for future enhancements to ensure a structured and scalable development approach.