

Ideation Phase

Phase-1: Brainstorming & Idea Prioritization

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| Date | 20 February 2026 |
| Team ID | LTVIP2026TMIDS81521 |
| Project Name | DocSpot: Seamless Appointment Booking for Health |
| Maximum Marks | 4 Marks |

Objective:

The objective of this phase was to explore, evaluate, and prioritize innovative ideas to create a seamless, user-friendly digital platform for booking healthcare appointments. Through collaborative ideation and strategic selection, the team focused on identifying features that would immediately resolve real-world scheduling issues while laying a scalable foundation for future healthcare tech enhancements.

Key Activities:

Step 1: Team Collaboration and Problem Statement Selection

- The team convened to discuss gaps in healthcare scheduling systems.
- Through research and shared experiences, the team finalized the problem: "Manual booking systems in healthcare cause delays, scheduling errors, and communication breakdowns for patients, doctors, and administrators."

Step 2: Brainstorming, Idea Listing, and Grouping

- All team members contributed ideas openly without judgment.
- Suggestions were grouped into categories:
 - **Patient-Centered Ideas:**
 - Register/login with role selection (patient, doctor)
 - Browse/filter doctors based on specialty, time, and location
 - Upload reports/prescriptions during appointment booking
 - View appointment history and current status
 - Receive confirmation and reminders via alerts/modals
 - **Doctor-Centered Ideas:**
 - Dashboard showing upcoming appointments
 - Ability to confirm/reschedule/cancel bookings
 - Access to uploaded patient documents
 - Add consultation notes and visit summaries

- **Admin-Centered Ideas:**

- Vet and approve new doctor registrations
- View platform analytics and booking activity
- Manage user access and handle complaints

Step 3: Idea Prioritization

- The team used an impact–effort scale to select MVP features.
- Priority was given to high-impact, low-to-medium effort features:

Selected for MVP (Phase-1):

- Patient and doctor registration/login
- Doctor directory with filters
- Appointment booking with file uploads
- Admin approval of doctors
- Appointment status updates (Pending, Confirmed, Completed, Cancelled)
- Role-based dashboards for patient, doctor, and admin

Deferred for Future Phases:

- Real-time messaging
- Tele-consultation
- AI-enhanced scheduling
- Feedback/review system

