

Ideation Phase

Brainstorm & Idea Prioritization Template

Date: 20 February 2026

Team ID: LTVIP2026TMIDS70508

Project Name: Learn Hub : Your Center for Skill Enhancement

Maximum Marks: 4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a collaborative environment where team members freely share innovative ideas to solve real-world problems. During this ideation phase, our team focused on improving digital learning accessibility and enhancing student experience through technology. All ideas were discussed openly and grouped based on feasibility and impact before prioritization.

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

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

Team Members:

- Nandyala Pranathi

Selected Problem Statement:

Students face difficulty accessing affordable, organized, and interactive online learning platforms. Many platforms lack progress tracking, certification features, and smooth user experience.

Objective:

To develop a full-stack MERN-based Online Learning Platform (Learn Hub) that allows:

- User Registration & Login
- Course Enrollment
- Video-based Learning
- Progress Tracking

- Certificate Generation
- Secure Payment Integration

Step-2: Brainstorm, Idea Listing and Grouping

Brainstormed Ideas:

- Create a platform where educators can upload courses.
- Provide student login and dashboard.
- Implement course enrollment with payment system.
- Add video lecture player.
- Track course progress percentage.
- Generate downloadable certificate after completion.
- Add admin dashboard to manage courses.
- Improve UI using modern React design.
- Add secure authentication using JWT.
- Store data using MongoDB.

Idea Grouping:

Core Learning Features:

- Course Upload
- Video Player
- Progress Tracking
- Certificate Generation

User Management:

- Registration & Login
- Dashboard
- Role-based access (Admin/User)

Technical Implementation:

- MERN Stack
- MongoDB Database
- REST APIs
- Payment Gateway Integration

Step-3: Idea Prioritization

Ideas were prioritized based on importance, feasibility, time availability, and resources.

High Priority (Must Implement):

- User Authentication
- Course Enrollment
- Video Learning
- Progress Tracking
- Certificate Generation

Medium Priority:

- Payment Integration
- Admin Dashboard
- Responsive UI

Future Enhancements:

- Live classes
- Discussion forum
- Ratings & Reviews
- Email Notifications

Final Selected Idea

Develop a MERN-based Online Learning Platform named Learn Hub, providing structured online courses, progress monitoring, and automatic certificate generation upon course completion.