

# Brainstorming

Date	26june,2025
Team Id	LTVIP2025TMID53783
Project name	Learn Hub
Maximum Marks	4 marks

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

The Learn Hub team (comprising 7 B. Tech CSE final year students from Rajiv Gandhi University of knowledge and technologies, Srikakulam) conducted a brainstorming session on 27<sup>th</sup> June 2025. We identified major pain points students face with online learning platforms. After collaborative discussion, the selected problem statement was:

"Students and teachers often find online learning platforms complicated, fragmented, and lacking essential functionalities such as structured content delivery, certification, and easy course management."

## Step-2: Brainstorm, Idea Listing and Grouping

The team generated multiple ideas to address the selected problem statement:

Idea ID	Idea Description
I-01	Design a centralized dashboard for students, teachers, and admins
I-02	Enable course creation, section management, and multimedia content integration
I-03	Implement student registration, authentication, and role-based access control
I-04	Auto-generate course completion certificates
I-05	Assign courses to multiple students simultaneously
I-06	Enable video embedding and external article linking per course section
I-07	Provide a clean, responsive, role-based UI
I-08	Allow students to track progress and mark courses complete
I-09	Enable admin controls to remove courses/users and view stats
I-10	Implement login and security using JWT tokens

Grouped by categories:

- User Management: I-03, I-10
- Course Management: I-01, I-02, I-05, I-06, I-08
- UI/UX: I-07
- Certification: I-04

- Admin Control: I-09

### Step-3: Idea Prioritization

Each idea was evaluated on Impact and Feasibility. High priority ideas were identified using the MoSCoW method (Must have, Should have, Could have, Won't have for now).

Idea ID	Description	Priority	Justification
I-01	Centralized dashboard	Must Have	Essential for user navigation and task management
I-02	Course and section creation	Must Have	Core platform functionality
I-03	Role-based authentication	Must Have	Critical for secure access control
I-04	Certificate generation	Should Have	Adds value and motivation for learners
I-05	Bulk course assignment	Should Have	Saves teacher's time and effort
I-06	Embedded videos and links	Must Have	Necessary for content delivery
I-07	Clean and responsive UI	Must Have	Enhances user experience
I-08	Course completion tracking	Should Have	Supports student engagement
I-09	Admin control panel	Should Have	Supports scalability and platform monitoring
I-10	JWT login security	Must Have	Industry standard for user authentication

This structured brainstorming and prioritization session has helped the team align on essential features and plan the Learn Hub project effectively.