Project Synopsis/Project Concept Document

Project number	2
Project Title	LMS, EdTech Platform Implementation, for online courses
Document	DASS Project Concept Document
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Description

The Project aims to develop an online learning platform for an NGO, similar to EdEx, designed to facilitate digital education through a flexible and interactive online course management system.

Capabilities:

Supports multiple content formats including: Text documents,PDF's, Audio files, Video content.

Ability to create and manage multiple parallel courses and support for multiple across batches across different years.
Assignment and exercise upload functionality, Submission tracking and management, Individual progress tracking.

Interactive communication channels: Between faculty and participants and among course participants.

Scalable platform architecture, Secure user authentication, Responsive design for multiple devices and Intuitive user interface

Profile of Users
1.Super Administrator

Super Admins oversee the entire system, manage organizations, and control admin access.

Characteristics:

→ Create and manage organizations.

→ Add and manage admin users.

→ Monitor overall system performance.

1.Administrator

Administrators manage the platform's overall functioning, including user management, course management.

Characteristics:

→Adding a new teacher to the platform.

→Create new courses for the platform.

→Assign teacher to specific courses.

→Delete courses that are no longer needed.

→Modify course details as necessary.

2. Teacher
Teachers are responsible for content delivery, managing assignments, and interacting with students.

Characteristics:

Course Management:

- Add and manage course content
- Create and manage assignments

Student Management:

- Add students to courses
- Send course invitation links
- Accept/reject course join requests
- Review assignment deadline extension requests

Content Management:

- Upload and manage course videos
- Create and manage assignments
- Provide assignment feedback

3. Students

Students are the primary learners who access course materials, Submit assignments, Track their progress.

Characteristics:

Course Access:

- View assigned courses
- Request to join courses
- Access course materials and videos

Assignment Management:

- View assignments
- Submit assignment responses
- Request deadline extensions

Progress Tracking:

- Track course completion status (Pending/Incomplete/Completed)
  - Pending: Haven't watched video or completed assignments
  - Incomplete: Watched video but assignments pending
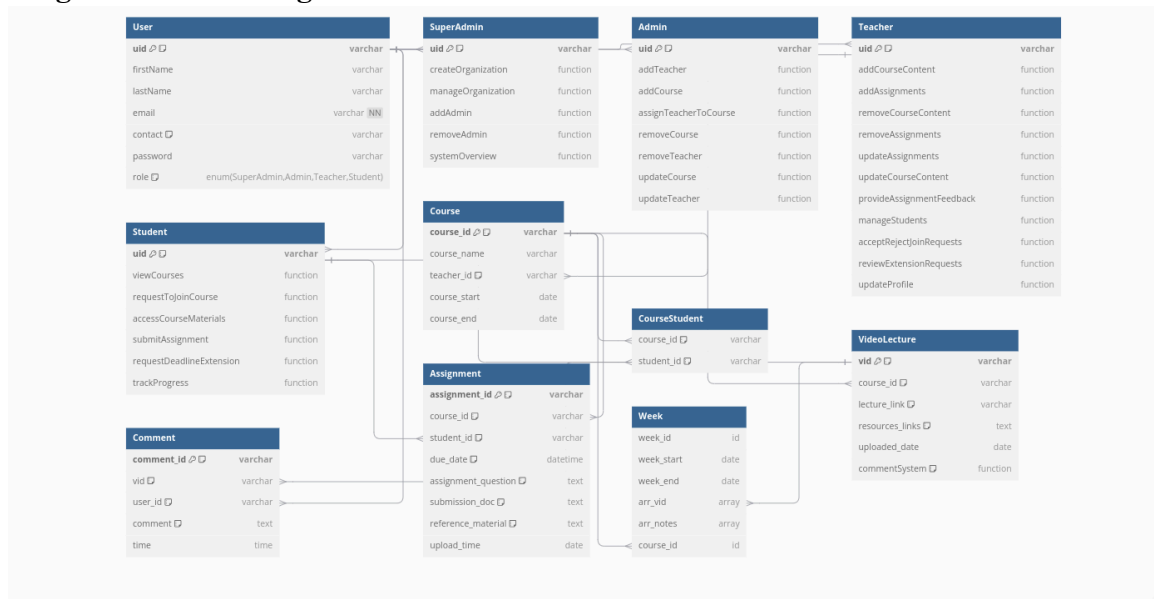 - Completed: All requirements fulfilled

Future Goals:
Technical Support Team

→Provide User Assistance, Platform Monitoring, Feedback Collection
→Plays a vital role in maintaining a seamless and efficient user experience for all stakeholders of the platform.

Usage Model and Diagrams

link :https://dbdiagram.io/d/Copy-of-DASS-DB-67a480c1263d6cf9a03ca0c1 [latest]