BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
An Autonomous Institution, Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A+' Grade
Stay Ahead

Student Name : JANANI R

Seat No: 102

Project ID: 22

Project title: Wiki page generation

COMPONENT	STACK
FRONTEND	REACT.JS
BACKEND	JAVA WITH SPRING BOOT
DATABASE	MYSQL
API	REST FULL API

Problem Statement:

Managing course content for faculties across various departments often involves cumbersome processes, leading to inefficiencies, delays, and lack of accountability. Manual creation and maintenance of wiki pages, along with video submissions, pose challenges in coordination, tracking, and ensuring quality. There's a need for a

streamlined system to automate these tasks, improve communication, and enhance transparency in the course content management process.

Purpose:

The Wiki Page Generation System aims to revolutionize the management of course content by automating the creation and maintenance of wiki pages for faculty courses. It seeks to enhance efficiency, transparency, and accountability in the content creation process, while also providing a user-friendly platform for faculty members to submit course-related videos.

Project Scope:

The project encompasses the development of a comprehensive system with components for input collection, wiki page content generation, video submission, approval processes, due date management, penalty calculation, communication, record-keeping, and continuous improvement. It focuses on catering to the needs of both administrators and faculties across various departments by providing a centralized platform for managing course content effectively.

System Overview:

The Wiki Page Generation System is a sophisticated platform designed to streamline the entire process of creating and maintaining course-related wiki pages. It automated content generation based on faculty inputs, manages video submissions, ensures adherence to deadlines, and facilitates communication

between administrators and faculties. With robust features and mechanisms, it aims to optimize the workflow, enhance transparency, and improve overall efficiency in course content management.

Features:

1. Input Collection Mechanism:

- ➔ Streamlines the collection of faculty information and course details.
- ➔ Facilitates seamless integration of faculty inputs into the system.

2. Wiki Page Content Generation Mechanism:

- ➔ Automates the creation of wiki page content using collected information.
- ➔ Ensures consistency and accuracy in generated content.

3. Video Submission Mechanism:

- ➔ Provides a user-friendly interface for faculties to submit course-related videos.
- ➔ Ensures adherence to guidelines and quality standards for submitted videos.

4. Video Approval Process Mechanism:

- ➔ Defines criteria for video approval and rejection.
- ➔ Facilitates efficient review and approval processes based on predefined criteria.

5. Upload Process Mechanism:

- ➔ Manages the upload of approved videos to respective wiki pages.

➔ Facilitates revisions for videos that do not meet criteria upon initial submission.

6. Due Date Management Mechanism: accountability

➔ Sets and monitors due dates for video submissions.

➔ Calculates penalties for late submissions to ensure .

7. Penalty Calculation Mechanism:

➔ Implements a penalty system for late submissions.

➔ Calculates penalties based on predefined criteria and applies them accordingly.

8. Communication Mechanism:

➔ Facilitates effective communication between administrators and faculties regarding submissions, approvals, rejections, and penalties.

➔ Provides clear instructions and deadlines to ensure compliance.

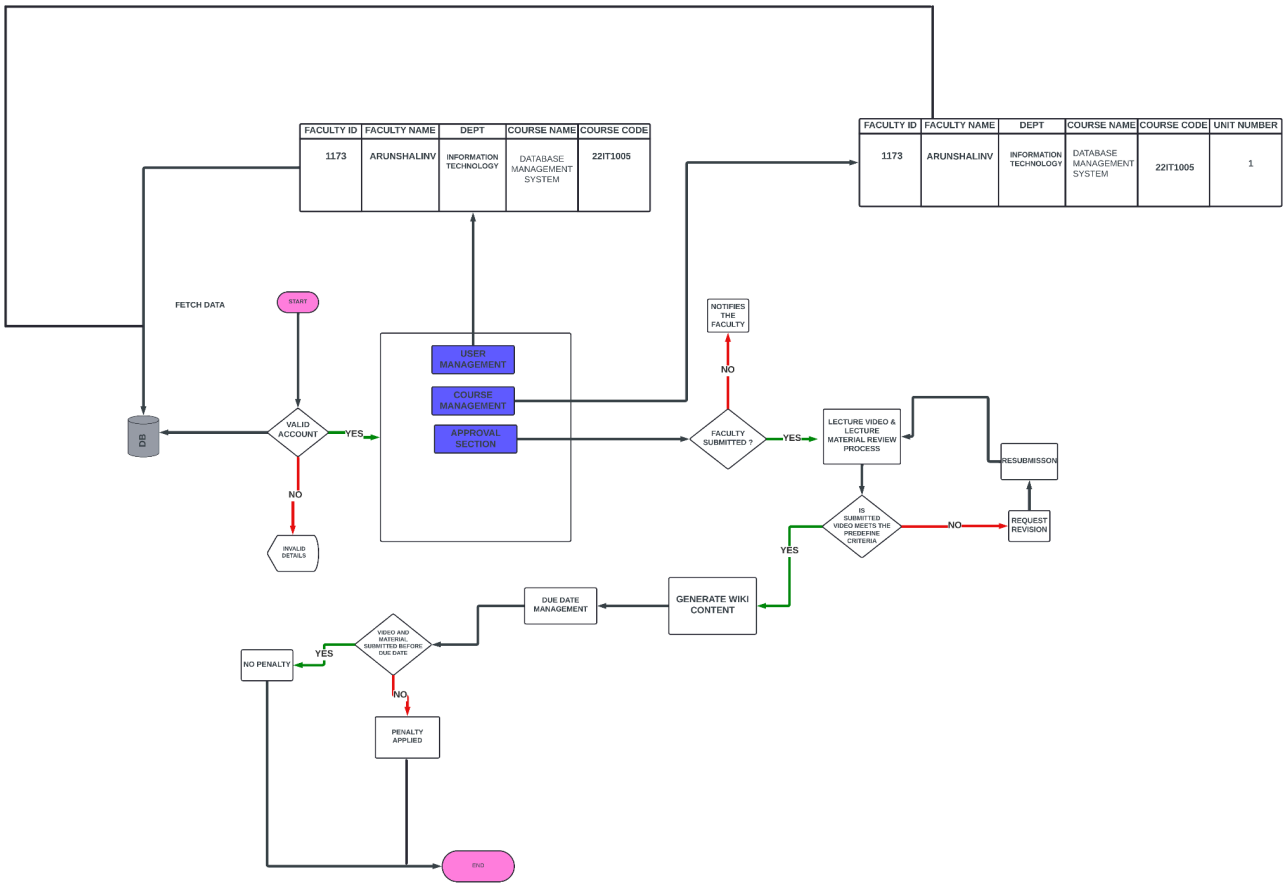
9. Record Keeping Mechanism:

➔ Maintains comprehensive records of all activities, including submissions, approvals, rejections, and penalties.

➔ Enables tracking of faculty performance and adherence to submission deadlines.

FLOW CHART:

ADMIN INTERFACE



USER INTERFACE