

PROJECT APPROVAL SYSTEM



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ABSTRACT

- The article describes the preparation of the Project approval system before the start of development, the project architecture, and testing. The work processes and creation of the project approval process and the approval process itself are considered.

INTRODUCTION

- The Project Approval System is designed to streamline and automate the process of approving and managing projects within an organization.
- This system helps reduce paperwork, enhances transparency, and speeds up the approval process, improving overall efficiency
- The system allows users to submit project proposals, track the approval process, and receive notifications about the status of their submissions.

Academic Project Approval System Through Online

INTRODUCTION

- Academic Project management is a major issue which is faced by many educational institutes in India, the main reason for this is there is no automated system followed in any institute. College management/staff gathers all the project reports and project sources from students
- They store them physically in some locations, probably libraries
- To overcome this practical problem and also to make the process easy we introduce this idea.

WORKING

- Students submit project titles and abstracts online. Abstracts are sent to the HOD for approval.
- HOD reviews the abstracts and approves/rejects them. If approved, students proceed with project development.
- Students upload documents for different phases of the project. Project status is updated based on reviews.

ADVANTAGES:-

- Reduces paperworks
- Faster approval process
- Easy access to past projects

DISADVANTAGES:-

- Requires stable internet access
- Difficulties in using the system
- Training required for users

Project Approval System (2024)

INTRODUCTION

- Academic Project management is a major issue that is faced by many educational institutes, the main reason for this is there is no automated system followed in any institute
- By centralizing project approval processes, we aim to enhance transparency, accountability, and decision-making across the organization.

WORKING

- Student Module- Once the student login, they can create and edit their profile. They can handle their profile accordingly.
- HoD Module- Each department has a HoD. The HoD has access to the students' profiles for each department.
- Admin Module- He is the administrator of this system. he is able to view the student details of all departments.

ADVANTAGES:-

- Streamlined approval system
- Review and Approval Workflow
- Provide Reports

DISADVANTAGES:-

- Limitation in Mobile
- Data security challenges
- No real time communication

PROJECT APPROVAL SYSTEM (2022)

INTRODUCTION

- In traditional academic settings, project approvals require manual submissions, paperwork, and in-person approvals, leading to delays and inefficiencies.
- To address these issues, the Project Approval System (PAS) was developed as a web-based solution that enables students to submit projects digitally, receive approvals, track progress, and communicate with faculty in real-time.

WORKING

- This study is designed to see how the proposed software might increase accuracy and reliability.
- The proposed software tool is designed and built using ReactJS, Firebase, MongoDB Atlas, Typescript, and ExpressJS as the software interface
- Here one oversees all the roles assigned to users. Here the admin can create roles for system members.

ADVANTAGES:-

- Automates approvals, Eliminates paperwork.
- Students receive feedback from faculty.
- Ensures data privacy.

DISADVANTAGES:-

- Requires a stable internet connection.
- Chatbot only answers basic queries.
- Requires strong encryption methods.

Development of a real-time Document Approval System

INTRODUCTION

- In the modern world, the topic of electronic approval of documents is very relevant, it speeds up the decision-making process on projects.
- Information about the process status is provided.
- The introduction of document approval systems into production has a positive impact on both the economic and environmental.

WORKING

- To start working in the system, the user must pass authorization or registration first. After logging in, the user can interact with the approval processes.
- The document approval scheme starts with the approval stage, then passes on to next steps accordingly.
- The framework chosen for the development of the web is Vue.js. To speed, the Vue-cli library is used.

ADVANTAGES:-

- Streamlined approval system
- Faster Approvals
- Notifications and Alerts

DISADVANTAGES:-

- Resist switching from traditional method
- Security Risks
- No real time communication.

WORKING OF PROPOSED SYSTEM:

- Using this web application, the Student can send a request to Guide and coordinator along with Project Title and its Abstract. On acceptance, he/she can design the Project along with necessary documents and submit to the College using the website. For further queries on the project they could communicate each other with a real time communication system.
- For each student, Project coordinator creates an account for them and assign them to available guides.

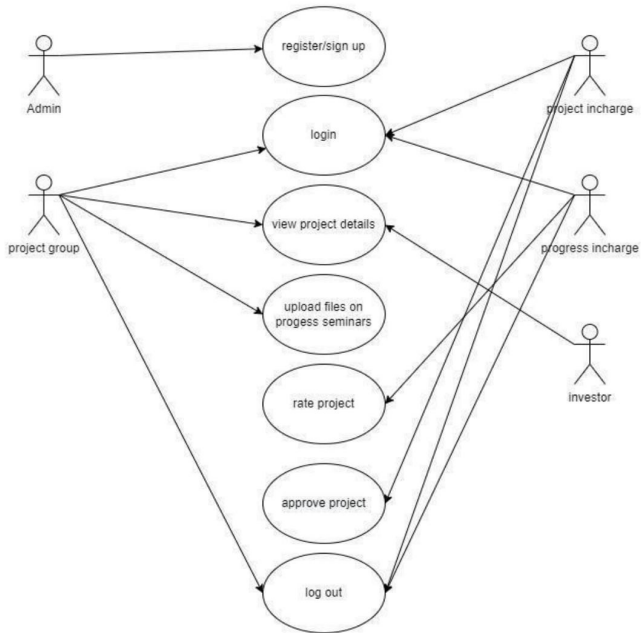


Fig. 2. Use case diagram of the proposed system

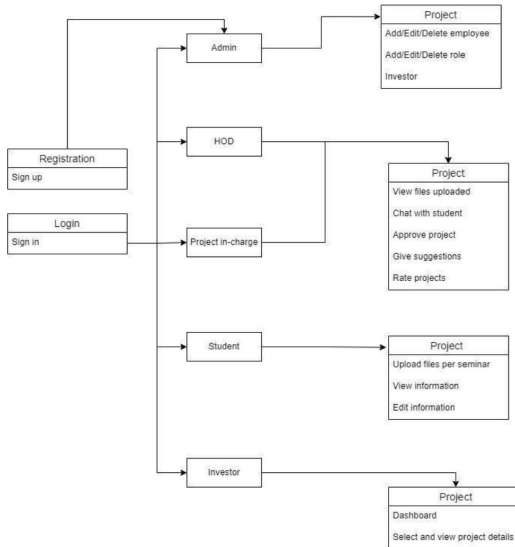


Fig. 1. This is the system architecture of the proposed system

Student Page:

- Login/Logout system with secure authentication
- Overview of submitted projects, statuses (approved/pending), and upcoming deadlines
- Option to submit new projects, including uploading documents and entering project details
- Ability to upload related documents and also download project-related feedback or resources.
- A simple tracker to update project milestones or stages of completion.
- View teacher feedback or comments on submitted projects.
- Option Option To update or edit submitted project details if necessary before the teacher's approval.

Teacher Page:

- Login/Logout system with secure authentication.
- Overview of all assigned student projects and their statuses.
- Access to all students' submitted projects with details, uploaded documents, and statuses.
- Ability to add feedback or comments on the student's project for further improvement.
- Chat feature to communicate with students directly about their project progress or issues.
- Track changes and updates made to student projects.
- Organize projects based on the submission date, status, or department.

Administrator (HOD) Page:

- Secure login/logout to access the admin portal.
- Overview of overall project status across departments.
- Add/edit/remove students, teachers, and other administrators. Assign teachers to student projects.
- Track and monitor all project submissions from students in the system.
- Generate and view reports on project status, submission rates, student performance, and teacher feedback.
- Send system-wide announcements or reminders to students and teachers regarding deadlines, updates, or system maintenance.
- Review all feedback and communication between teachers and students for accountability.

ADVANTAGES

- The system simplifies the entire project approval process
- Reduces paperwork of documents.
- Automated Tracking of document uploads, and approvals saves significant time for both students and teachers.
- Secure user authentication ensures that only authorized individuals can access.

CONCLUSION

- The Project Approval System successfully addresses the need for an efficient method of maintaining students projects.
- The system allows for separate logins for students, teachers, and admins, ensuring that each user has relevant features.
- Overall, the implementation of this Project Approval and Management System contributes to a more efficient workflow, providing a reliable solution for both students and educators.

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THANK YOU