"ONLINE PROJECT SUBMISSION PORTAL"

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Abstract: The Online Project Submission Portal is a web-based platform developed in PHP, designed to streamline and modernize recordkeeping processes within educational institutes and colleges. This system simplifies the management of student data, enabling efficient record access, addition, editing, and deletion. The Online Project Submission Portal empowers students to submit applications and register for various academic activities, project submissions, all while ensuring data accuracy and security.

This system significantly reduces paperwork, automates record generation, and enhances the overall efficiency of educational institutions. The system ensures that the projects are approved by teachers from the same department, thus aligning with the department's expertise and technology focus.

Online Project Submission Portal revolutionizes student record management and project submission within educational institutions. This web-based platform brings efficiency, accuracy, and modernity to the academic record-keeping process, benefiting both students and educators.

I. INTRODUCTION

An online project submission portal is a PHP-based web-based portal used by educational institutions or colleges to easily manage the records of students. It allows for a less time-consuming process to view, add, edit and delete student records. The online project submission portal will allow for online submission of student applications, student registration, perform computer-based registration, stored registration, and modify student profile. It is difficult to achieve this goal using a manual system since the information is spread out, redundant, and collecting relevant information can be very time-consuming.

The project consists of two components: an enhanced student module for registration, edit profile, view test history, change password, etc. It provides facilities such as registration and profile creation for students to reduce paperwork and automate the record generation process within an educational institution.

A student with a particular department has registered their project by listing group members. The teacher of the same department with concern will approve the project.

II. OBJECTIVES

The objective of an online project submission portal can vary depending on the specific context and the organization or institution implementing it. However, in general, the primary objectives of such a portal are to streamline the process of collecting and managing project submissions in a digital format.

1. To make the project submission process more efficient and convenient for both applicants and

administrators. Digital submission eliminates the need for physical paperwork and manual data entry.

2. To provide a platform that is accessible from anywhere with an internet connection, making it easier for applicants to submit their projects without geographical or time constraints.

3. To establish a standardized format for project submissions, which can help ensure that all required information and documents are included in a consistent manner.

4. To integrate with other systems or platforms, such as databases, email systems, or notification services, to streamline the overall workflow.

III.   LITERATURE SURVEY

Online project submission systems have become increasingly popular in recent years, as they offer a number of benefits for both educational institutions and students. Smith and Brown (2019) found that online project submission systems can enhance educational efficiency by streamlining administrative processes. For example, online submission systems can automate the tasks of distributing and collecting assignments, grading assignments, and providing feedback to students.[1][2]

This can free up time for instructors to focus on other tasks, such as developing lesson plans and providing one-on-one support to students. Additionally, online submission systems can make it easier for instructors to track student progress and identify students who are struggling. [3]

Security is a paramount concern in online systems, especially when handling sensitive educational data. Researchers have explored the implementation of security measures such as SSL encryption and role-based access control to ensure the confidentiality and integrity of submitted projects.[5][6]

The Proposal Submission System is a specific example of an online project submission system that is designed for academic purposes. The system includes a database of example proposals that can be used as a resource by students when writing their own proposals. This feature can help to improve the quality of student proposals and reduce the time required for students to write their proposals. [8][9]

Some considerations that educational institutions should keep in mind when implementing an online project submission system. These considerations

include: Training for instructors and students on how to use the system technical support for the system A plan for backing up and restoring data in the event of a system failure [11]

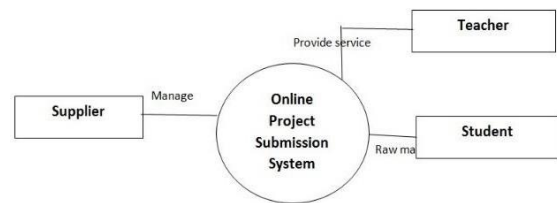## IV.   SYSTEM OVERVIEW AND DESIGN

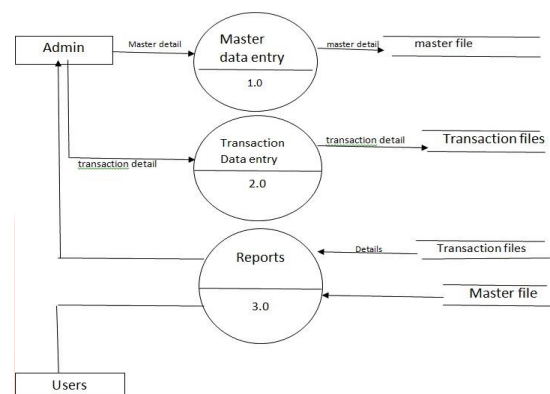
Figure 1: Architecture Diagram
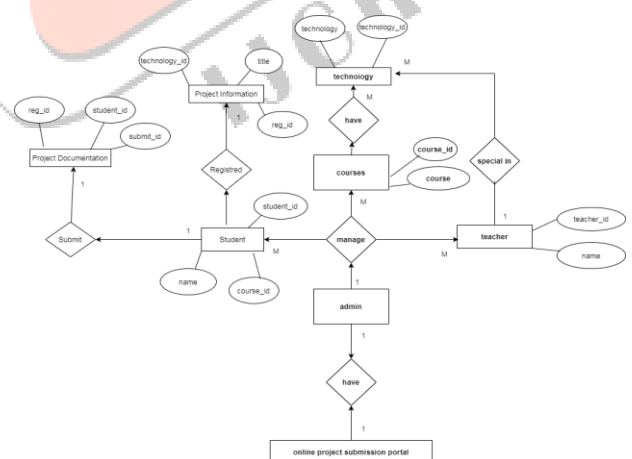

Figure 2: DFD LEVEL 0

Figure 3: ER Diagram

V. METHODOLOGY

The development of an online project submission portal involves various methodologies and approaches to ensure a well-structured and efficient system. Here are some key methodologies to consider:

1] Agile methodology emphasizes iterative development, continuous feedback, and adaptability to changing requirements. This approach is well-suited for project submission portals as it allows for rapid prototyping, user testing, and incremental improvements based on user feedback.

2] UCD focuses on understanding user needs and preferences to create a user-friendly and intuitive interface. This methodology involves user research, usability testing, and iterative design refinements to ensure the portal is easy to use and navigate for both students and instructors.

3] TDD emphasizes writing automated tests before writing the actual code. This approach helps ensure that the portal's functionality meets the specified requirements and reduces the risk of bugs and errors.

4] Version Control System (VCS) such as Git, allows developers to track changes to the code, collaborate effectively, and revert to previous versions if necessary. This ensures the integrity of the codebase and facilitates collaboration among developers.

5] Continuous Integration (CI) and Continuous Deployment (CD) CI/CD practices automate the process of building, testing, and deploying the portal's code. This ensures that new features bug fixes are integrated and deployed seamlessly, maintaining a consistent and up-to-date system.

VI. APPLICATION RESULT
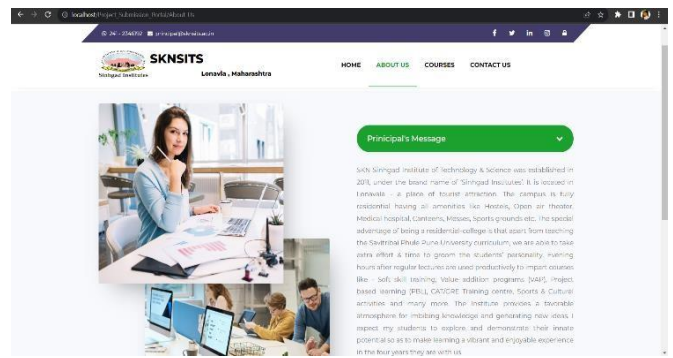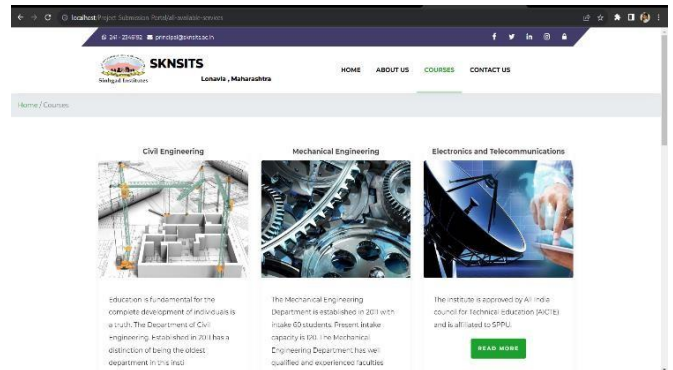

Figure 4: Home Page

Figure 5: Home: -About Us

Figure 6: Home: -Courses
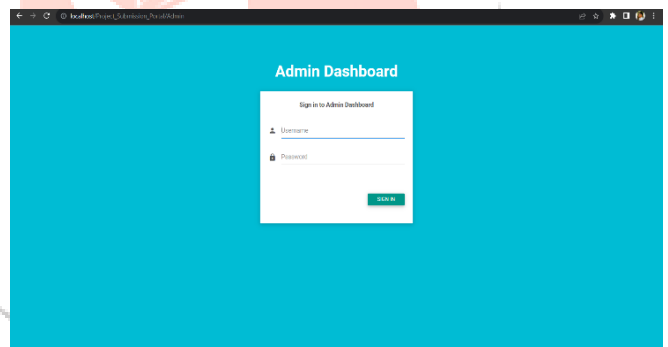

Figure7: Home-Admin Login
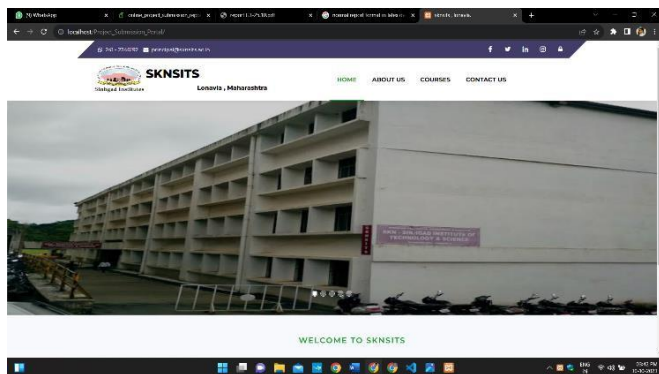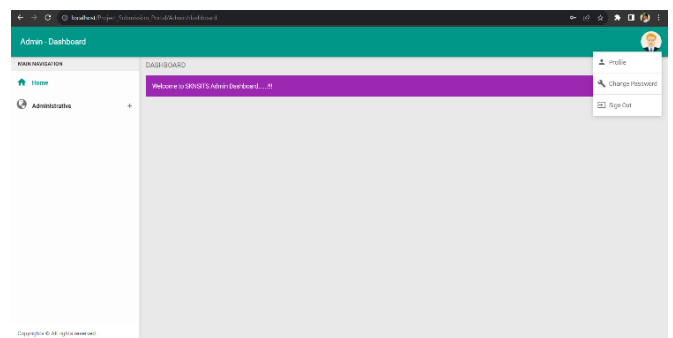

Figure7: Admin Dashboard

VII. CONCLUSION

Concluding Phase 1 of the online project submission portal Project offers a streamlined and efficient approach to managing project submissions and assessments. It provides numerous benefits to both students and instructors, including:

Convenience and Accessibility: Students can submit their projects from anywhere and at any time, without the need for physical copies or inperson meetings.

Improved Organization and Tracking: Instructors can easily track submissions, monitor deadlines, and maintain organized records of student work.

Enhanced Communication and Feedback: The portal facilitates communication between students and instructors, allowing for timely feedback and clarifications. Environmentally Friendly: By reducing paper usage and eliminating the need for physical submissions, the portal promotes a more sustainable approach to project management.

Overall, an online project submission portal serves as a valuable tool for streamlining the project submission process, enhancing communication, and promoting a more efficient and eco-friendly approach to project management. It empowers both students and instructors to engage in a more organized and collaborative learning experience.

VIII. FUTURE ENHANCEMENT

In summary, the successful completion of Phase 1 paves the way for the subsequent phases of the Online Project Submission Portal Project. With a well-defined roadmap, a motivated team, and a comprehensive understanding of the project's scope, we are well prepared to advance to Phase 2.

Here, we will initiate further development and testing, bringing us one step closer to delivering an Online Project Submission Portal that fulfils the needs of our users.

IX. REFERENCES

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