

Student Internship Tracking System

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1. The project is based on an AI-powered voice interview assessment system that creates a realistic interview environment for candidates. It asks questions in a fixed or guided sequence, such as self-introduction, course details, internship project explanation, and AI usage in projects. This helps users practice common interview patterns in a more natural and confident way.
2. The core of the system is voice interaction, where the question is spoken using text-to-speech and the candidate's answer is captured using speech recognition. This makes the interview feel interactive and closer to a real human interview. The answer is then converted into text and sent for evaluation, which allows the system to check clarity, relevance, and completeness.
3. The final key concept is AI-driven feedback, where the system analyzes the response and gives improvement suggestions immediately after each answer. This feedback helps users understand their strengths and weak points in communication, project explanation, and interview confidence. By repeating practice sessions, candidates can improve their performance and prepare better for real interviews.

LITERATURE SURVEY

The Recent studies highlight the growing importance of digital platforms for managing student internships efficiently. Traditional manual systems are time-consuming and prone to errors, leading to the development of web-based internship management systems using technologies such as HTML, CSS, JavaScript, PHP, and MySQL. These systems enable students to apply for internships online, while administrators can track and manage applications centrally. Some research also explores cloud-based solutions, which provide better accessibility and data storage capabilities, allowing users to access information from anywhere. However, many of these systems lack advanced features such as real-time tracking and user-friendly interfaces.

The Mobile applications offer convenience and accessibility but often have limited functionality compared to web platforms. Despite these developments, existing systems still face challenges such as data security concerns, lack of automation, and poor user experience. Therefore, there is a need for a more efficient, secure, and user-friendly internship management system that integrates modern technologies and provides comprehensive features for both students and administrators.

METHODOLOGY

The proposed Student Internship Management System is developed using a web-based architecture to automate and streamline the internship process. The system follows a modular approach consisting of user authentication, internship application management, and administrative control modules. Frontend technologies such as HTML, CSS, and JavaScript are used to design an interactive user interface, while backend technologies like PHP and MySQL are utilized for data processing and storage. The system allows students to register, log in, and apply for internships, while administrators can add internship details, monitor applications, and manage student records efficiently. Data is securely

stored in a centralized database, ensuring consistency and easy retrieval.

Testing is carried out to identify and fix errors, ensuring system reliability and performance. The system also incorporates validation mechanisms to maintain data accuracy and security. Overall, the methodology focuses on creating a user-friendly, efficient, and scalable platform that simplifies internship management for both students and administrators.

To enhance system efficiency, the proposed model incorporates role-based access control where different users such as students and administrators are assigned specific permissions. The system ensures secure authentication using login credentials, preventing unauthorized access. Additionally, form validation techniques are applied at both client-side and server-side to maintain data integrity and avoid invalid inputs. The database is structured using relational tables to efficiently manage student details, internship records, and application status. Proper indexing and query optimization techniques are used to improve performance and reduce data retrieval time.

Existing System:

The existing internship management process in many institutions is primarily manual or semi-digital, involving spreadsheets, emails, and paperwork to handle student internship activities. Students typically apply for internships through external platforms, and colleges track their progress manually, which leads to inefficiencies, data redundancy, and lack of proper coordination between students and administrators. Some institutions use basic web-based systems, but these often provide limited functionality, such as only application submission without real-time tracking or communication features. Additionally, these systems may lack proper data security, user-friendly interfaces, and automated report generation. As a result, managing large volumes of internship data becomes time-consuming, error-prone, and difficult to maintain.

Disadvantages:

- Manual process leads to **time-consuming operations**
- High chances of **human errors** in data entry
- **No real-time tracking** of internship status
- Poor **communication between students and administrators**
- Possible over-commercialization Data stored in multiple places causes **data redundancy**
- Language limitations lack of **data security and privacy protection**
- Difficult to manage **large volumes of student data**
- No proper **automation for report generation**
- Limited or poor **user interface and user experience**

Proposed System:

The proposed Student Internship Management System is a web-based application designed to automate and simplify the entire internship process for students and administrators. The system provides a centralized platform where students can register, log in, view available internships, and apply online, while administrators can manage internship postings, monitor applications, and maintain student records efficiently. It includes features such as real-time status tracking, secure authentication, and automated data management using a MySQL database. The system is developed using HTML, CSS, JavaScript for the frontend and PHP for backend processing, ensuring a responsive and user-friendly interface. By

reducing manual work and improving communication, the proposed system enhances accuracy, efficiency, and overall management of internship activities.

The system enables efficient data handling through a structured database, reducing redundancy and improving data consistency. Additional features such as automated notifications, application status updates, and report generation help in better decision-making and monitoring. The user-friendly interface ensures ease of use, even for non-technical users. Overall, the proposed system provides a reliable, secure, and efficient solution to overcome the limitations of the existing internship management process.

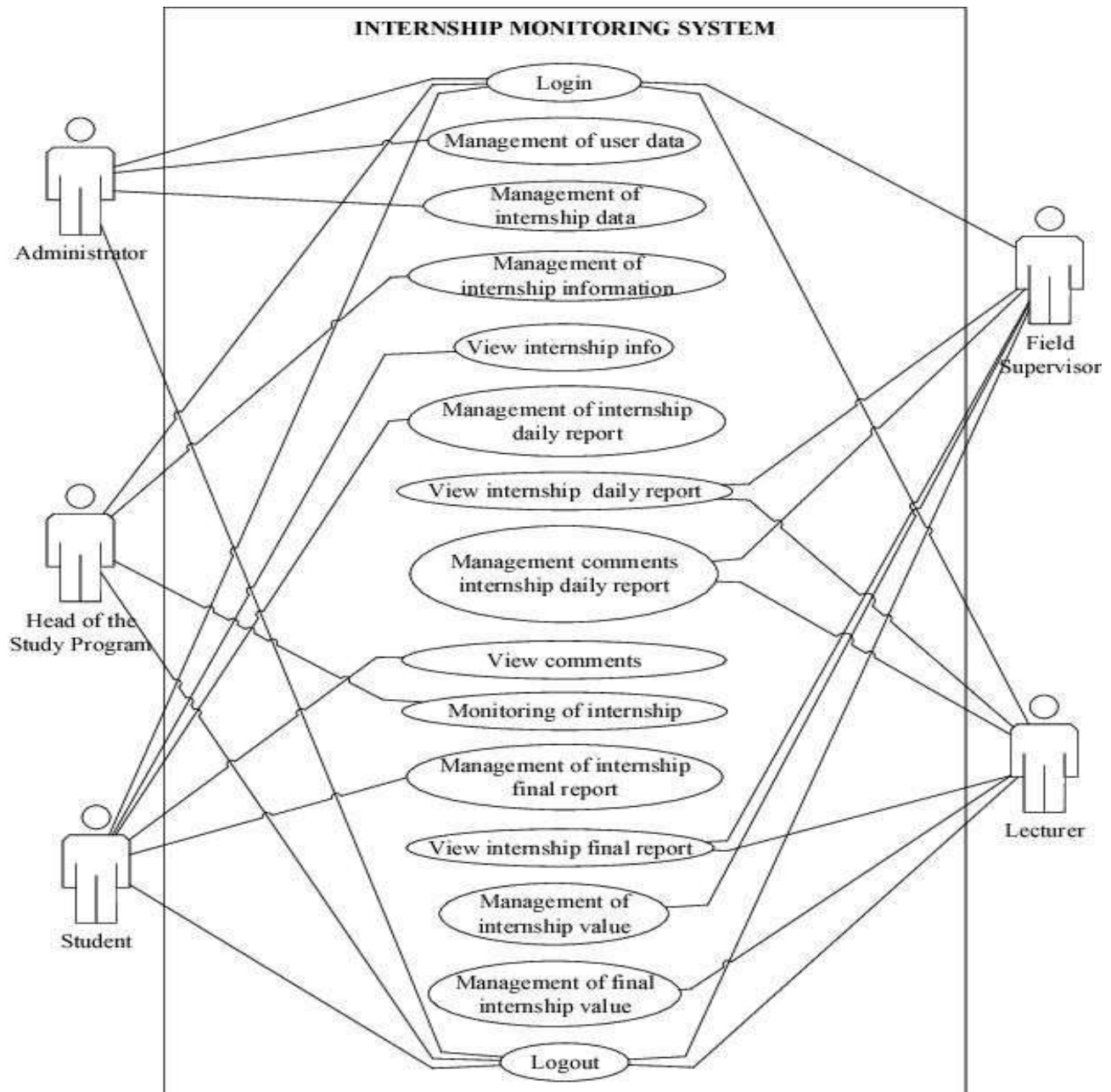


Fig 4. Use Case Diagram

SYSTEM REQUIREMENTS

Software Requirements:

- ❖ HTML
- ❖ CSS
- ❖ JAVASCRIPT

Module Description:

1. Student Module

The Student Module allows users to register and log in to the system using secure credentials. Students can view available internship opportunities, apply for internships, and track the status of their applications in real time. They can also update their personal details and upload necessary documents such as resumes. This module provides a user-friendly interface to simplify the internship application process.

2. Admin Module

The Admin Module is responsible for managing the entire system. Administrators can add, update, and delete internship postings, as well as view and manage student applications. They have access to all student records and can monitor internship progress. This module ensures proper control, data management, and smooth functioning of the system.

3. Authentication Module

This module handles user registration and login functionality. It ensures that only authorized users can access the system by verifying credentials. It also provides security features such as password protection and session management to prevent unauthorized access.

4. Internship Management Module

This module manages all internship-related information, including internship details, company information, and application status. It allows admins to post new internships and students to apply for them. It also maintains records of applied internships and their current status.

5. Database Management Module

This module is responsible for storing and managing all system data using a MySQL database. It ensures data consistency, integrity, and efficient retrieval of information. All user details, internship records, and application data are securely stored and managed in this module.

HOME PAGE

Student Internship Tracking System

Manage your internships, track applications, and explore top companies easily.
Built for students to grow their careers and succeed in internship opportunities.

Get Started



APTITUDE ROUND - 1

⌚ Time Left: 44:44

Question 1

What is Read?

Database

Frontend Library

Backend Language

OS

Next →

Questions

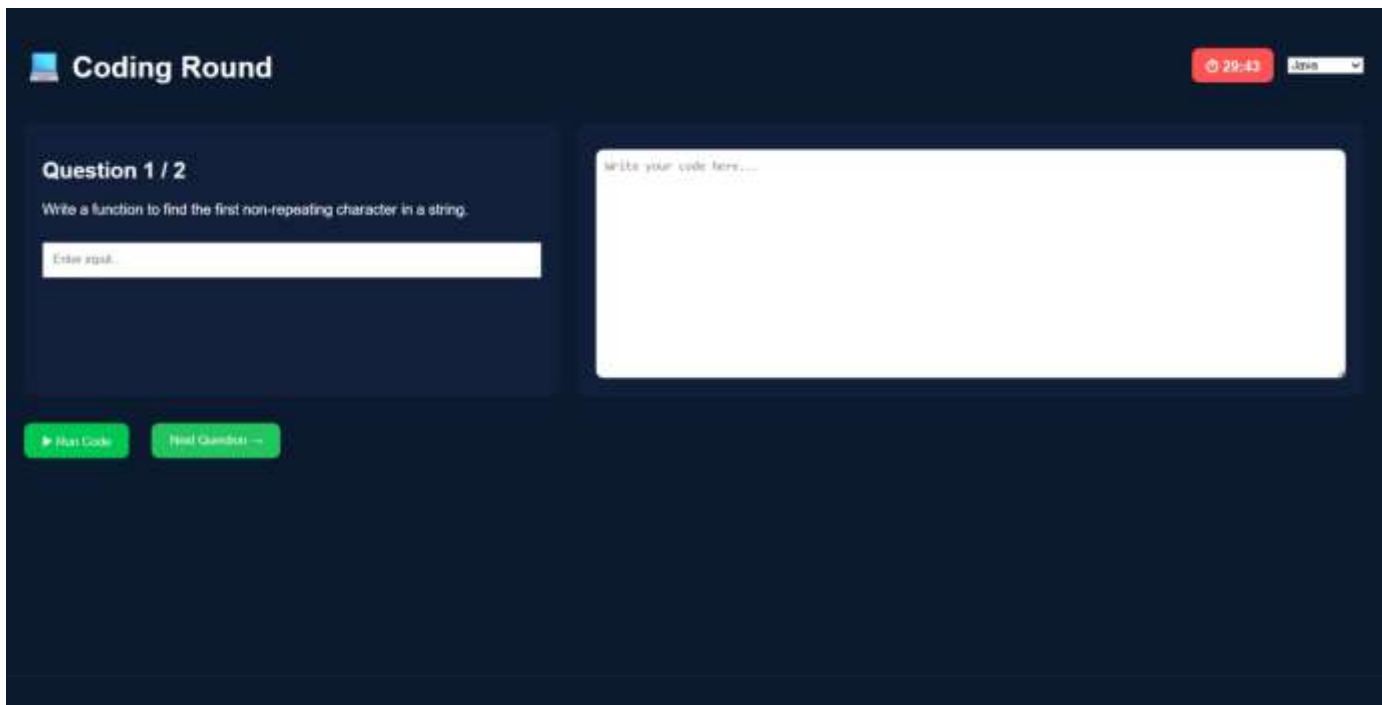
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

SCORE & CODING ASSESSMENT PAGE



The image shows a dark-themed user interface for a coding assessment. On the left, a card displays 'Your Score' as 25 / 25, with a green checkmark and the word 'PASS'. Below this, it says 'Outstanding performance! You have successfully cleared the aptitude round.' On the right, a card titled 'Coding Assessment' lists details: Duration: 30 Minutes, Difficulty: Hard, Problems: 2 Questions, Languages: Java, Python, JS, and No Tab Switching. A blue button at the bottom of this card says 'Start Coding Round'.

CODING ROUND - 2



The image shows the 'Coding Round' interface. At the top left, it says 'Coding Round'. In the top right corner, there is a red timer showing '29:43' and a dropdown menu set to 'Java'. The main area is divided into two sections. The left section, titled 'Question 1 / 2', contains the text 'Write a function to find the first non-repeating character in a string.' and a text input field with the placeholder 'Enter input...'. The right section is a large white box with the text 'Write your code here:....'. At the bottom left, there are two green buttons: 'Run Code' and 'Next Question ->'.

CONCLUSION

The Student Internship Management System provides an efficient and reliable solution to overcome the limitations of traditional internship management methods. By automating the entire process, the system reduces manual work, minimizes errors, and improves overall efficiency. It offers a centralized platform where students can easily apply for internships and track their progress, while administrators can manage data and monitor activities effectively. The use of web technologies ensures a user-friendly interface and smooth system performance.

Furthermore, the system enhances data security, transparency, and communication between students and administrators. Its modular and scalable design allows for future enhancements such as integration with cloud services and AI-based recommendations. Overall, the proposed system simplifies internship management and contributes to better organization and decision-making in educational institutions.

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