

A
Mini Project Report
on
Skillup : A hub for certifications
Submitted in partial fulfillment of the requirements for the
degree
Second Year Engineering – Computer Science Engineering (Data Science)
by

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Academic year: 2024-25

CERTIFICATE

This to certify that the Mini Project report on **Skillup : A hub for certifications** has been submitted by Chitresh Poojary (22107010), Ishan Rane (22107039), Manish Khadtar (22107039) and Vinayak Kshirsagar (22107046)) who are bonafide students of A. P. Shah Institute of Technology, Thane as a partial fulfillment of the requirement for the degree in **Computer Science Engineering (Data Science)**, during the academic year **2024-2025** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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Date:

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Chapter 1

Introduction

In today's educational environment, managing and verifying internship certificates can be a difficult and inefficient process for both students and academic institutions. Students often face difficulties in submitting their certificates and tracking their status, while faculty members may struggle with managing and verifying numerous submissions. To address these challenges, the Internship Management Platform has been developed as a helpful tool for the management of internship certificates.

1.1. Purpose:

The Internship Management Platform is a solution designed to enhance the efficiency of internship certificate management within academic institutions. This system adds functionalities for both students and professors, allowing for easy submission, tracking, and review of internship certificates. The application aims to improve the overall experience for users, reduce administrative burden, and facilitate effective management of internship documentation.

1.2 Problem Statement:

In the current educational landscape, the management and verification of internship certificates pose significant challenges for both students and academic institutions. Students often encounter difficulties in submitting their certificates and tracking their submission status, leading to confusion and potential delays in meeting graduation requirements. Simultaneously, faculty members face inefficiencies in managing and verifying a high volume of submissions, which can result in increased administrative workloads and potential oversight.

This inefficient process not only hampers students' academic progress but also affects the overall operational efficiency of academic institutions. enhancing the user experience for both students and faculty while reducing administrative burdens.

1.3 Objectives:

- 1) Simple Internship certificate submission : Easy to understand interface that allows students to easily upload their internship certificates
- 2) Increased Review efficiency : Displayed lists of student details and certificate upload status to increase the speed of the whole process
- 3) Deadline Notices : Display of deadlines through the notice board portal , ensuring completion of internships
- 4) Certificate approval : Certificate approval after viewing and display the status as approved or rejected on the student portal

1.4 Scope:

1.4.1. Internship Certificate Submission and Management:

- Submission of internship certificates by students through the application.
- Tracking of submission status, allowing students to monitor the progress of their certificates.
- Storage of all uploaded certificates for easy access and management.

1.4.2. Certificate Review and Approval:

- Professors can review submitted certificates and approve or reject them.
- Status updates are communicated to students through the application
- Tracking of certificates to improve efficiency in the review process.

1.4.3. Administrative Control and Monitoring:

- Efficient management of student and certificate data through a simple interface.
- Tools for professors and mentors to monitor certificate submissions, review progress

Chapter 2

Proposed System

The Internship Management Platform is a system designed to simplify the process of submitting and managing internship certificates within academic institutions. The platform provides a user-friendly interface for students to upload their internship certificates and track their submission status, while professors can review, verify, and approve these submissions through their own portal. The system aims to ease the entire process, reduce administrative burden, and enhance communication between students and faculty members.

2.1. Features & Functionality:

1. Internship Certificate Upload:

Students can upload their internship certificates directly through the platform. The interface allows for secure file submissions, ensuring that the process is both easy and reliable.

2. Certificate Review and Approval:

Professors have access to a dedicated portal where they can review and either approve or reject internship certificates submitted by students. The platform helps ease the process and makes it easy to provide feedback directly to students.

3. Notice Board :

Students get a notice board where notices are displayed regarding the deadlines to ensure completion of their internship and courses on time

Chapter 3

Project Outcomes

With the use of the Internship Management Platform, we expect the following outcomes:

- **Faster and Easier Certificate Submission:** Students can quickly upload their internship certificates online, making the submission process simple and eliminating the need for physical paperwork.
- **Review and Approval:** Professors can easily review and approve certificates through the system, speeding up the approval process and reducing delays.
- **Meeting Deadlines:** Students will notices through the notice portal of the application and make a note of what deadline has to be met
- **Organized Data Storage:** All certificates and records are stored in one place, making it easy for both students and professors to find and manage important documents.
- **Less Manual Work:** The platform reduces the need for manual paperwork and tracking, saving time and effort for both students and professors.

Chapter 4

Software Requirements

To develop and deploy the project, the following software requirements are necessary:

1. Java (Version 23) :

Used for implementing the core logic and backend functionality of the project. Java provides object-oriented programming features, making it suitable for developing the project's logic.

2. Netbeans IDE :

Utilized for writing, debugging, and running Java code. It offers a comprehensive set of tools, including code assistance and a GUI builder, which simplifies Java Swing development.

3. Graphical User Interface Framework :

Java Swing: A GUI toolkit for creating the graphical interface of the project. Java Swing is used to build the frontend components such as forms, buttons, and tables.

4. Database Management System :

MySQL : Serves as the relational database for storing project data. MySQL provides efficient and reliable data storage, allowing the project to perform CRUD (Create, Read, Update, Delete) operations on student and mentor information

Chapter 5

Project Design

A workflow of the whole project

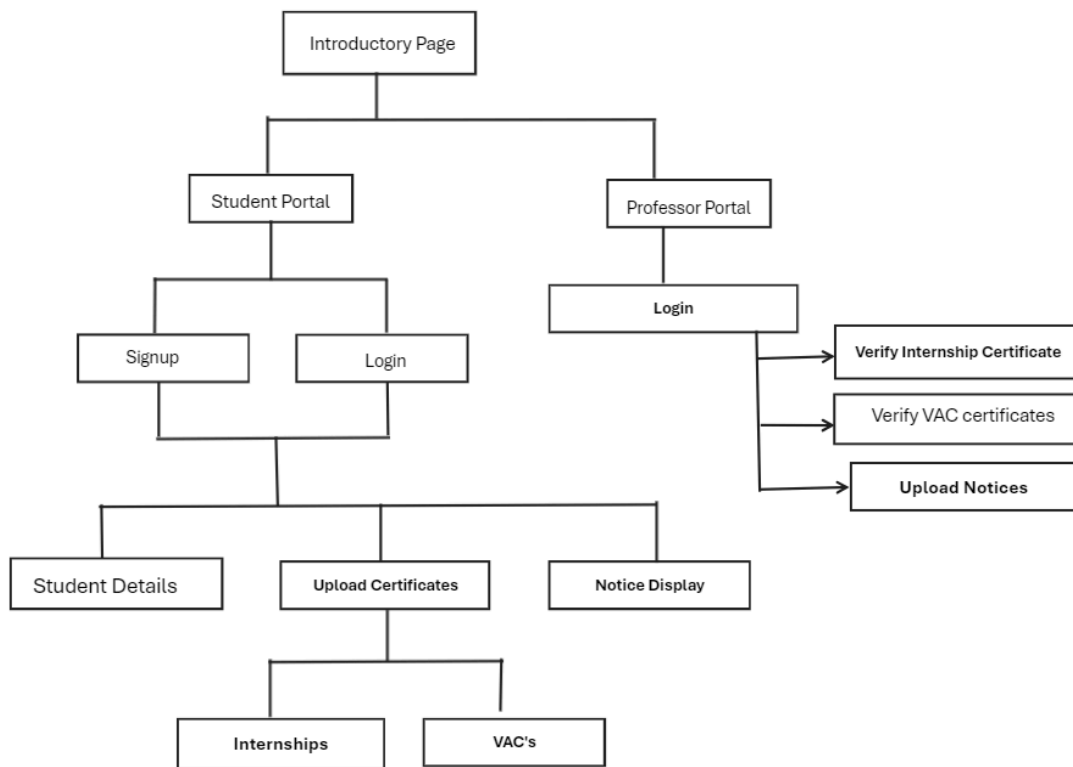


Figure No. 5.1

In figure 5.1, we have the introductory page where we have two options for the student and the professor portal. In the student portal we have options for signup and login and similarly in the professor portal we have an option for login. In the student portal we have features for student details, upload certificates which lead to the Internship and the VAC portal and furthermore we have the notice portal and in the professor portal for features we have verify internship, verify vac's and upload notices

Chapter 6

Project Scheduling

GANTT CHART TEMPLATE

A Gantt chart's visual timeline allows you to see dependencies.

PROJECT TITLE:

PROJECT GUIDE:

INSTITUTE & DEPARTMENT NAME:

DATE: 10/8/24

AP SHAH INSTITUTE OF TECHNOLOGY(CSE-Data Science)



Figure No. 6.1

In figure 6.1 , we have an overall view of tasks completions handled by the team during the completion of the project which has the Topic finalization,frontend and backend implementation

Chapter 7

Result

The Internship Management Platform has made the process of certificate submission and approval much easier. The platform allows students to upload their certificates and professors to review them in a more organized way.

Student Portal :

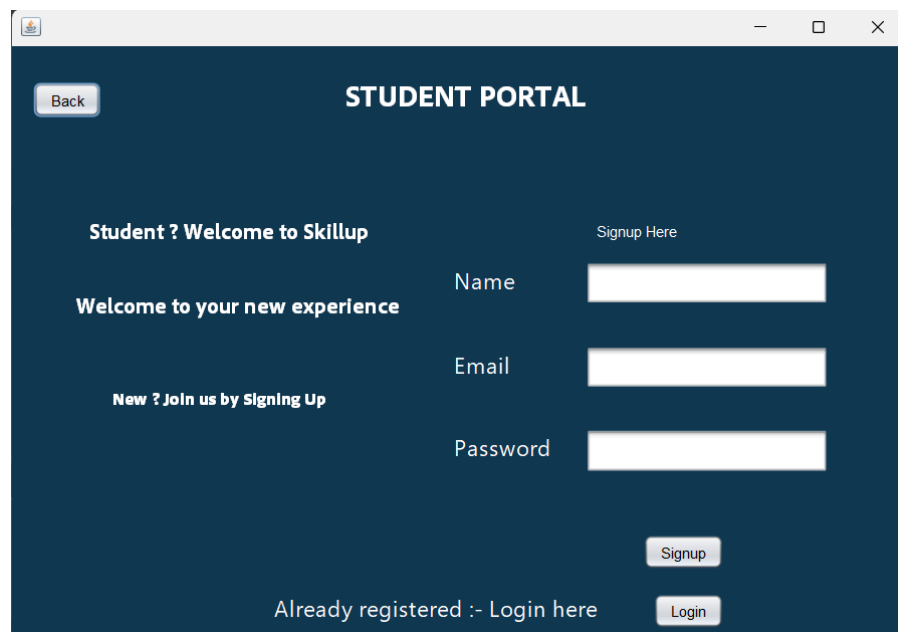
The image shows a web browser window displaying the 'STUDENT PORTAL' signup page. The page has a dark blue background with white text. At the top left, there is a 'Back' button. The main heading 'STUDENT PORTAL' is centered at the top. Below the heading, on the left, is a welcome message: 'Student ? Welcome to Skillup' followed by 'Welcome to your new experience' and 'New ? Join us by Signing Up'. On the right side, there is a 'Signup Here' link above three input fields labeled 'Name', 'Email', and 'Password'. Below these fields are two buttons: 'Signup' and 'Login'. At the bottom, there is a link that says 'Already registered :- Login here'.

Figure No. 7.1

In figure 7.1 ,a signup page for the students on the student portal, to be able to access the application and start using the features

Student Details

Back

Name :

Branch :

Division :

YEAR :

ROLL NO

CGPA

YEAR OF GRADUATION

HSC MARKS

SSC MARKS

Student ID :

COMPLETE

Figure No. 7.2

In figure 7.2 , a details page for students to upload their academic details and personal information

Welcome, to the student portal

Back

Proceed to upload certificates of your respected domains :

Check for announcements :

Mentor and Mentee List :

Check Status :

Figure No. 7.3

In figure 7.3 , page after filling the details page which displays all the features making it easy to navigate through the whole application

Figure No. 7.4

In figure 7.4, a certificate upload page designed to upload the cohort certificates through the file explorer and select the internship through dropdown

Figure No. 7.5

In figure 7.5, a certificate upload page designed to upload the value addition certificates through the file explorer and select the internship through dropdown

Date	Announcements
3 July	Hi There Welcome to the portal
4 July	Hey students

Figure No. 7.6

In figure 7.6 , a page to view all the announcements made by the professors and stay up to date

Mentee Name	Mentee Student ID	Mentor Name
Chitresh Poojary	22107010	Harsha Maam
Gaurav Shetty	23107011	Sarla Maam
Charutosh Wankhede	23107012	Sarla Maam
Varun Lad	22107012	Avni Maam

Figure No. 7.7

In figure 7.7, a page for students to view all the mentor information

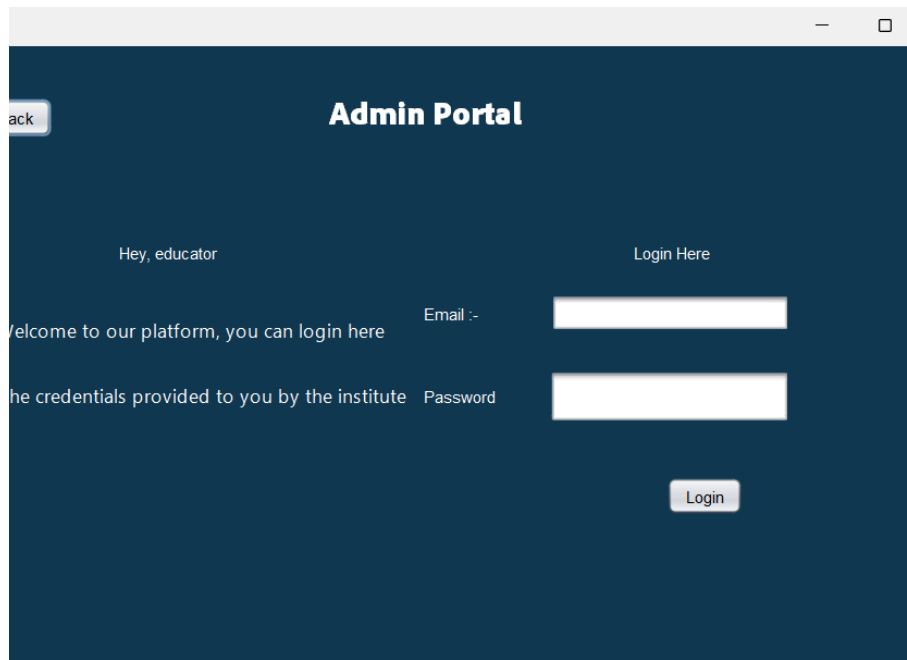


Figure No. 7.8

In figure 7.8, page for faculty to login through the details provided by the Institute and move further in the application

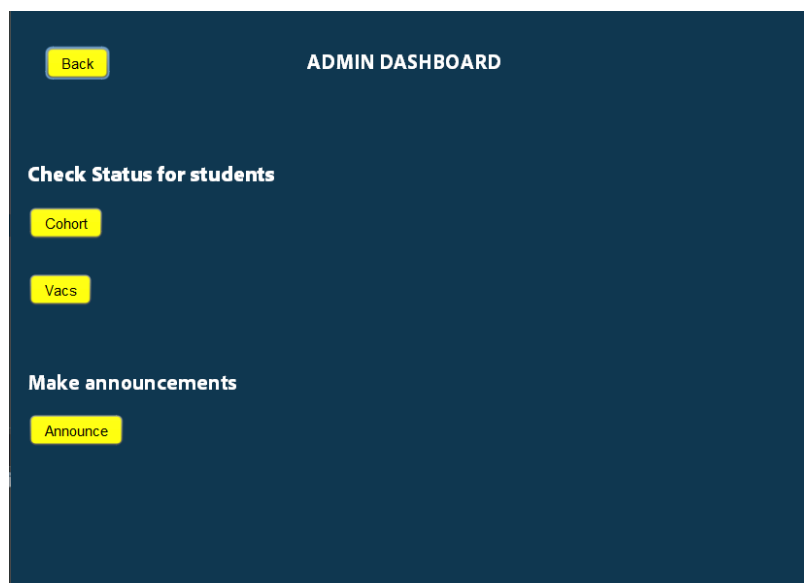


Figure No. 7.9

In figure 7.9, a page for faculty to login through the details provided by the Institute and move further in the application

Admin approval (VACS)

[Back](#)

Name of the Student	Student ID	Certificate Image	Vacs Name
Chitresh	22107010	Oracle Database Found...	Uploaded

Name

Student Id

Status
[Approve](#) ▼

[Save](#)

Figure No. 7.10

In figure 7.10, a page for faculty to go through the cohort submission certificates and approve or reject them

Chapter 8

Conclusion

In conclusion, the Internship Management Platform significantly enhances the efficiency and transparency of managing internship certificates for both students and professors. It provides a user-friendly interface and a set of features that makes the submission, review, and approval processes less complicated. The system achieves this through:

Simplified Certificate Submission: Students can easily upload their internship certificates and track the status of their submissions, reducing delays and errors.

Streamlined Review Process: Professors have access to an organized dashboard to review and approve certificates, improving efficiency and reducing administrative overhead.

Centralized Data Management: All certificate submissions and approvals are securely stored, making it easy for administrators to retrieve and manage records for compliance and reporting.

By leveraging these features, the platform not only saves time and effort for students and professors but also ensures a seamless and error-free certificate management experience. Ultimately, it fosters better coordination and promotes a more structured internship evaluation process, benefiting both students and the academic institution.

References

- [1] Hyrmet Mydyti Arbana Kadriu ,“Using Internship Management System to Improve the Relationship between Internship Seekers, Employers and Educational Institutions”,Conference Paper at entrenova September 2020
- [2] FazeeraSyuhada Abdullah, Azmi Abu Seman, Dr. Norfiza Ibrahim, Noor Aishatun Majid, Nor Mazlina AbdulWahab, MohdSyamaizar Mustafa,“Web-Based Application of the Internship Management System”, Journal of Computing Research and Innovation 2017.
- [3]S.R.Bharamagoudar,Geeta R.B, S.G.Totad , “Web Based Student Information Management System ”, International Journal of Advanced Research in Computer and Communication Engineering, June 2013.