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E-Internship

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ABSTRACT:

E-Internship application is designed for VP includes all forms and results of students. The main goal of the project is to improve the internship experience, simplify tasks and encourage communication among interns, industry mentors and institute mentors. In this project we will create a user internship portal that can be easily accessed by both interns and mentors. This portal will act as a hub where internship listings can be found, applications can be submitted, and all necessary documentation can be managed. To assess internal performance and progress, a digital performance tracking system will be established. Mentors can input evaluations, and interns can set goals and track their achievements. The aim of the E internship project is to bring the concept of internships, with the modern digital era. Its goal is to equip organizations with tools for managing internships ensuring a fulfilling and engaging experience, for interns.

Introduction:

- The existing internship process was a traditional method of completing internship which included a lot of paperwork which was not so efficient. So, to digitalize with the modern era we are introducing E-Internship.
- The existing process of internship is very time-consuming as well as it requires a lot of paperwork to complete internship report. Therefore, we E-Internship can reduce paper usage.
- Firstly, in the existing internship process all the internship reports submitted by students cannot be stored in one place, all the documents may be scattered. Whereas in E-Internshipall the documents submitted by students can be stored in one place and can be accessed bytheir respective institute mentor and industry mentors only.
- Secondly, in the existing internship process it was very difficult to track each student's performance and the work done by him/her during their internship span. E-Internship provides a better way of tracking student.

Methodology:

We have chosen the Waterfall Model for the development of our project.

Waterfall Model:

The waterfall model is a breakdown of project activities into linear sequential phases, where each phase depends on the deliverables of the previous one and corresponds to a specialization of tasks. This approach is typical for certain areas of engineering design. In software development, it tends to be among the less iterative and flexible approaches, as progress flows in largely one direction ("downwards" like a waterfall) through the phases of conception, initiation, analysis, design,construction, testing, deployment and maintenance.

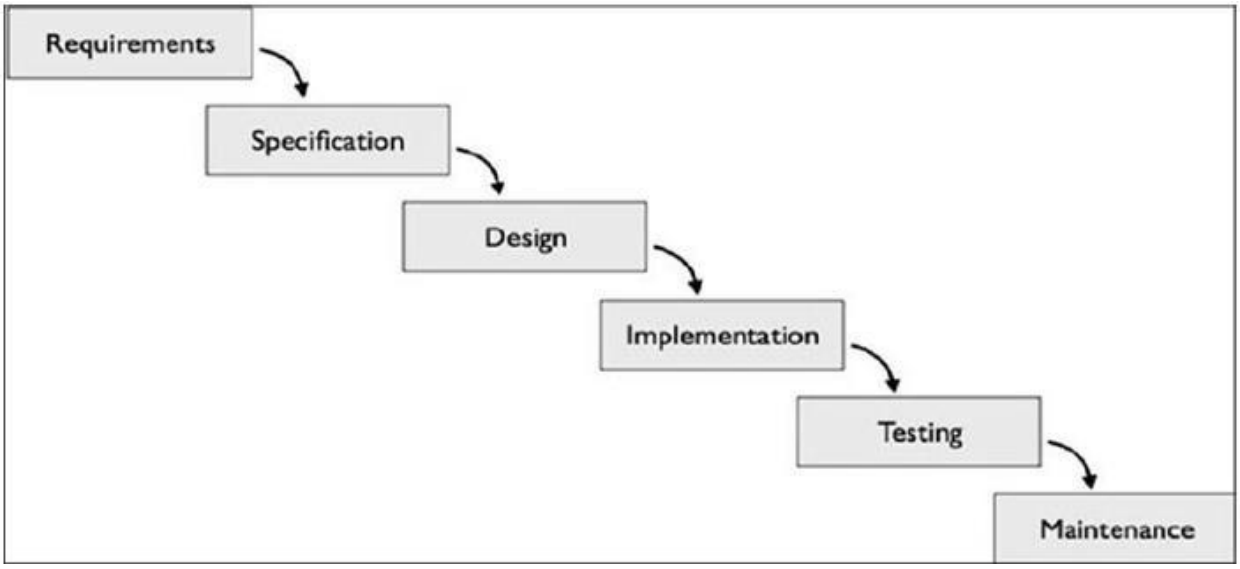


Fig 1.1 Waterfall Model.

Following is a detailed phase-wise explanation of how waterfall model was used in developing the project:

- ***Requirement and Specification Gathering:*** In this phase, the requirements and specifications for E-Internship were gathered and analyzed carefully. This involved understanding the user needs, identifying the features and functionalities required, and defining the scope of the project. This phase was critical for the success of the project as it laid the foundation for the development process.

- ***System Design***: The design of E-internship had to be developed based on the requirements gathered in the previous phase. This included creating a UI, developing system architecture, and designing the database structure. This phase helped to ensure that the website was designed to meet the needs of its users and could be developed within the given time.

- ***Implementation:*** The actual development of E-Internship commenced. The team coded the website based on the design specifications and the requirements gathered in the previous phases. This phase also involved integrating third- party software for tasks such as verification and database management and testing the functionality of the website.

- ***Integration and Testing:*** In this phase, E-Internship was thoroughly tested to ensure that it met the requirements and was free of defects. This included unit testing, integration testing, system testing, and acceptance testing. The testing phase helped to ensure that the website was ready for deployment.

- ***Handover and Deployment*:** In this phase, E-Internship is handed over for deployment. This involved delivering the website to college along with all the necessary documentation, instructions, and support. The handover phase ensures that the college has everything they need to deploy the website and make it available to its users. This phase also includes providing guidance and support to college to ensure that they can operate and maintain the website effectively. Once the handover is complete, the college takes ownership of the website and is responsible for its deployment, maintenance, and ongoing development.

- ***Maintenance*:** In this phase, E-Internship will have been deployed and maintained to ensure its long-term viability. This shall include fixing any defects or bugs, adding new features, and upgrading the website to keep up with changing technologies and user needs.

Objective:

- Digitalize the traditional way of internship processes in Institutes.
- During internship to enhance better experience for students.
- Institute mentors will be able to track students' performance more effectively..
- All the documents will be stored at one end.

Advantages:

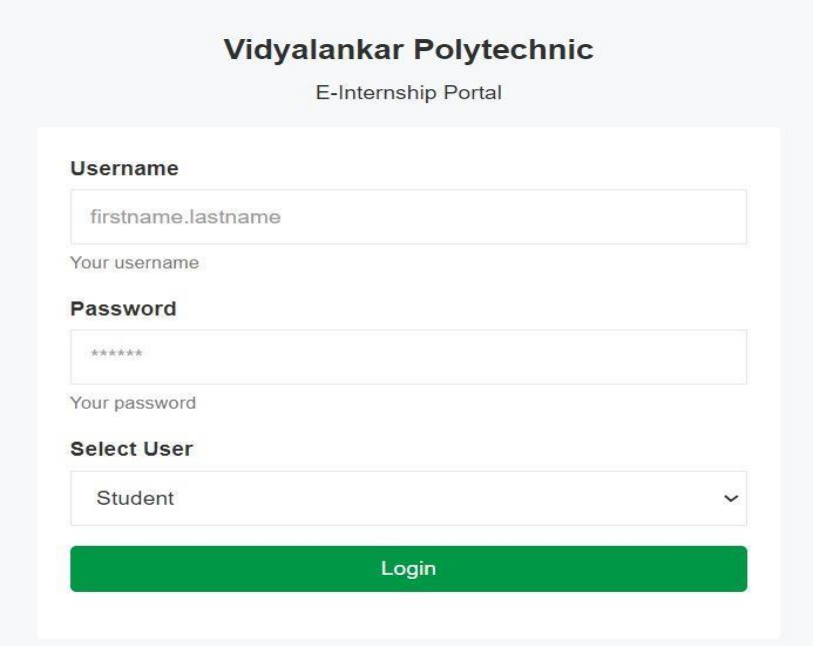
- This project certainly minimizes paperwork by requiring all reports to be submitted in adigital format.
- All documents submitted by students are stored in a centralized database for swift andeasy access.
- The institute mentor can easily monitor the performance of students.
- Improve packing of student during a internship span.

Results:

This E-Internship website will be helpful for all the students, institute mentors and industry mentors during their Internship span. Our website provides an enhanced experience with the motive to digitalize traditional ways of Internships.

OUTPUTS:

Login Page:



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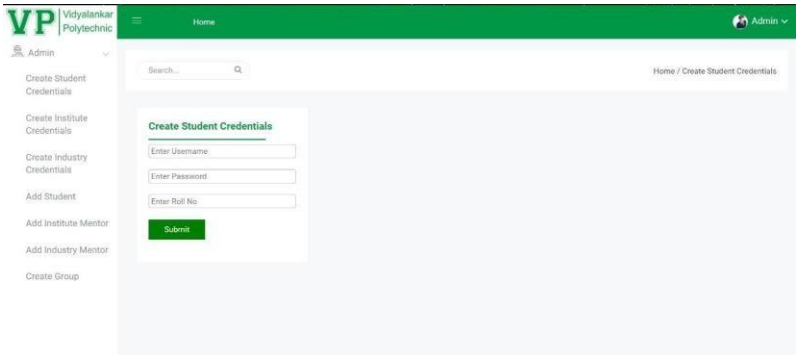
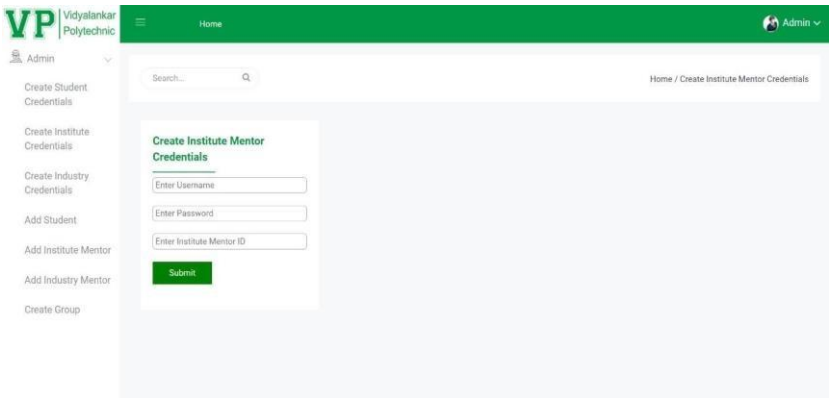
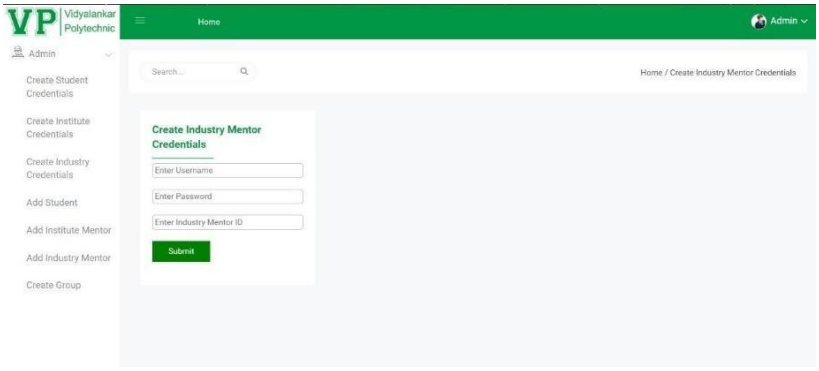



Vidyalankar Polytechnic
Home
Admin
Admin
Create Student Credentials
Create Institute Credentials
Create Industry Credentials
Add Student
Add Institute Mentor
Add Industry Mentor
Create Group
Search...
Home / Create Institute Mentor Credentials
Create Institute Mentor Credentials
Enter Username
Enter Password
Enter Institute Mentor ID
Submit


Vidyalankar Polytechnic
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Create Student Credentials
Create Institute Credentials
Create Industry Credentials
Add Student
Add Institute Mentor
Add Industry Mentor
Create Group
Search...
Home / Create Industry Mentor Credentials
Create Industry Mentor Credentials
Enter Username
Enter Password
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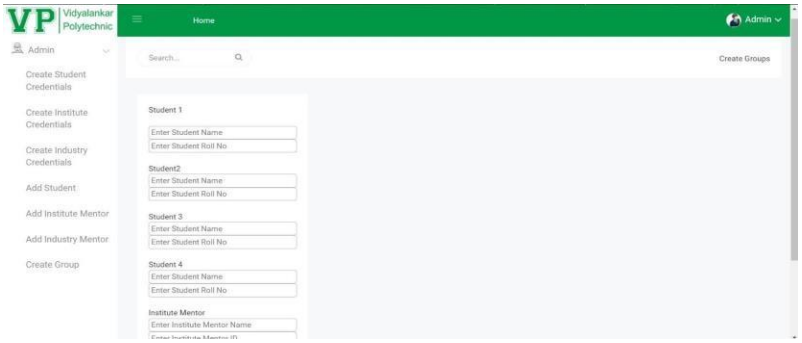
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Create Student Credentials
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Create Industry Credentials
Add Student
Add Institute Mentor
Add Industry Mentor
Create Group
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Create Groups
Student 1
Enter Student Name
Enter Student Roll No
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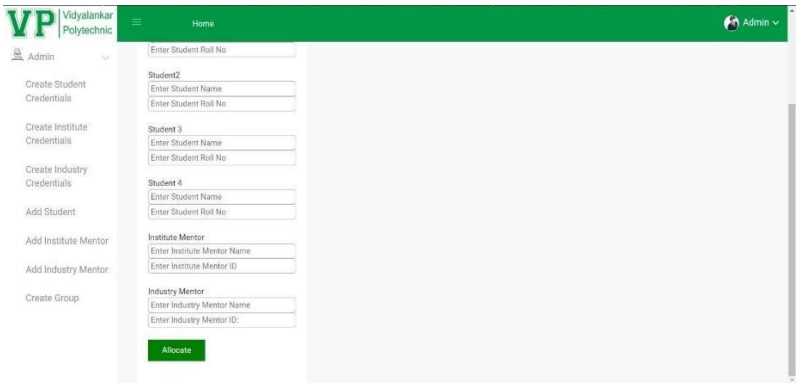
Institute Mentor
Enter Institute Mentor Name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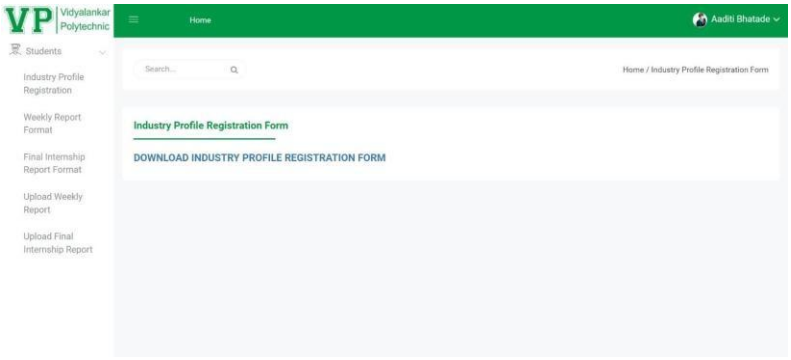
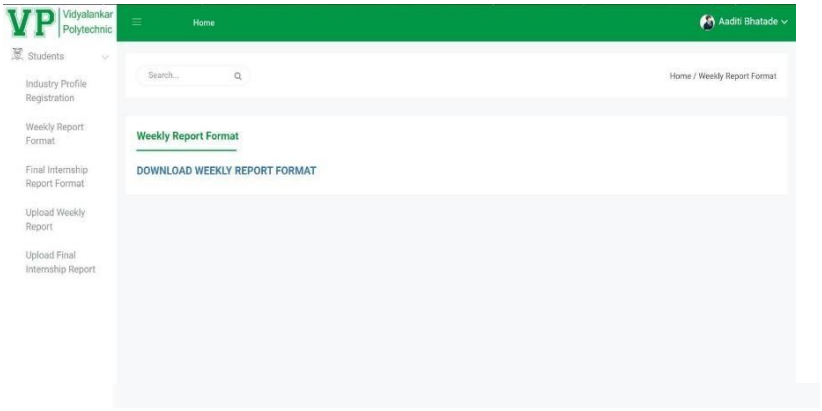
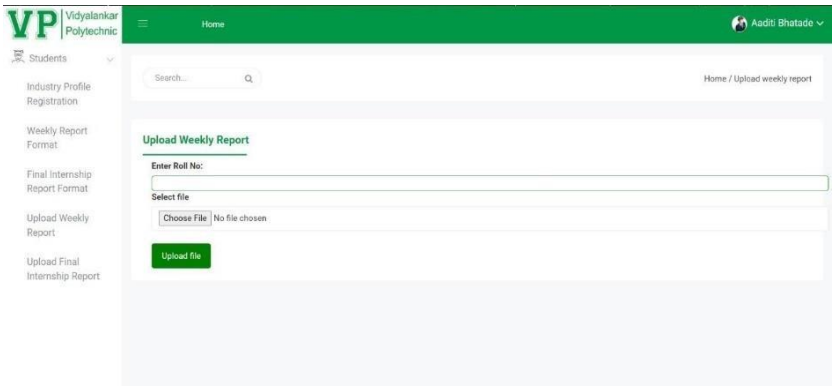
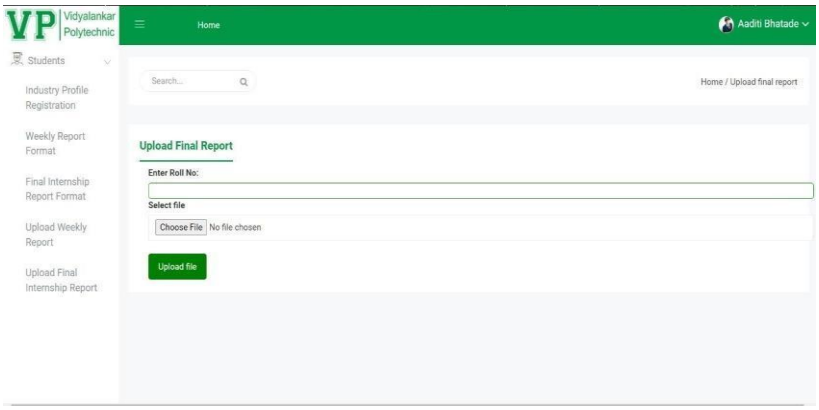
Create Student Credentials
Create Institute Credentials
Create Industry Credentials
Add Student
Add Institute Mentor
Add Industry Mentor
Create Group
Enter Student Roll No
Student2
Enter Student Name
Enter Student Roll No
Student 3
Enter Student Name
Enter Student Roll No
Student 4
Enter Student Name
Enter Student Roll No
Institute Mentor
Enter Institute Mentor Name
Enter Institute Mentor ID
Industry Mentor
Enter Industry Mentor Name
Enter Industry Mentor ID:
Allocate

Student Dashboard:

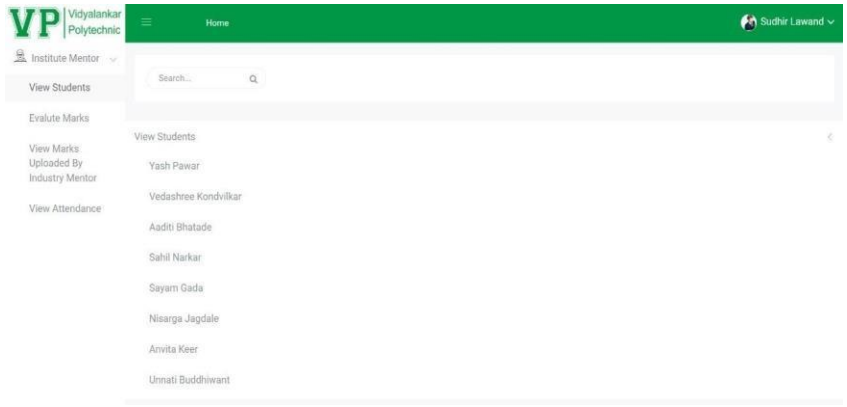


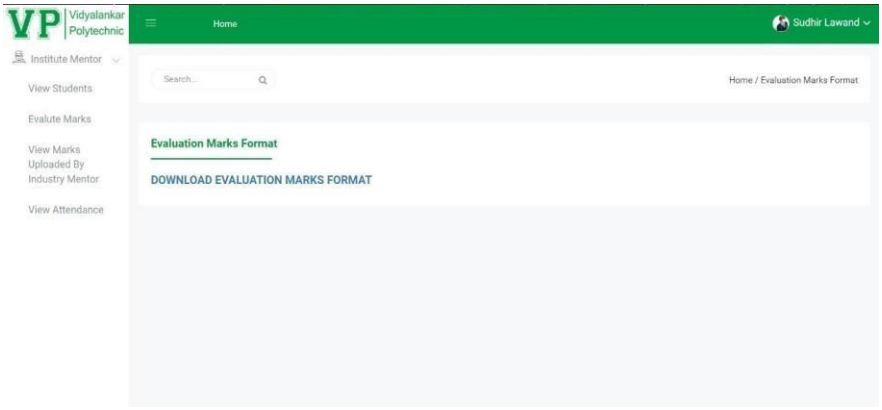


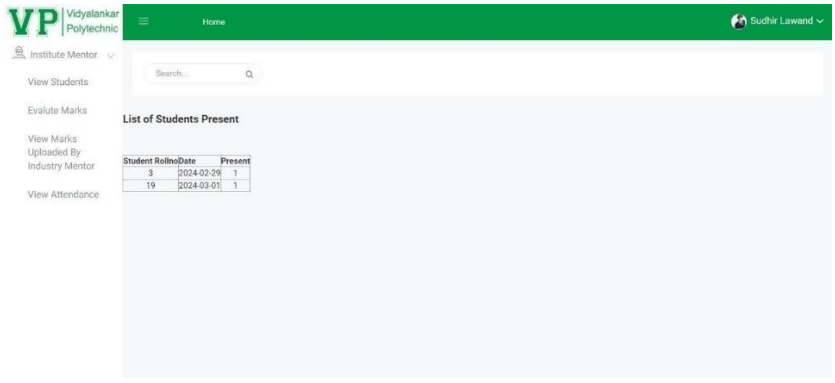




Institute Mentor Dashboard:







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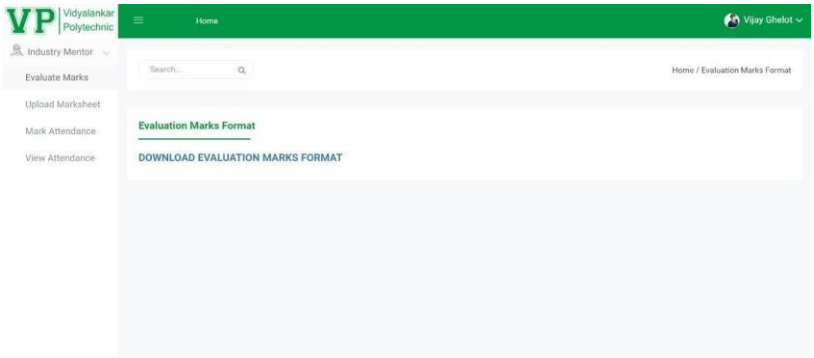

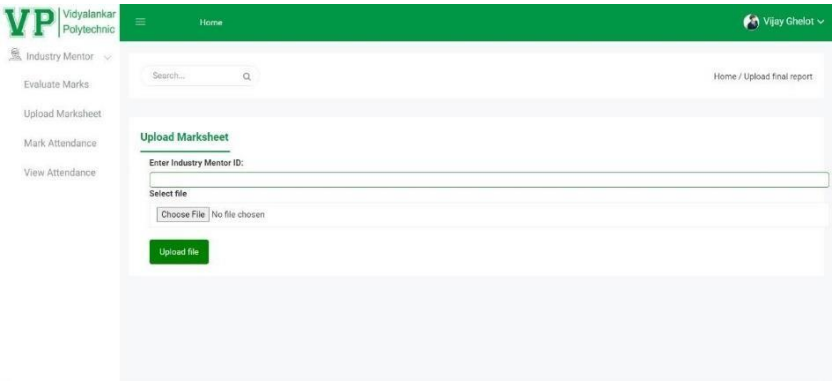

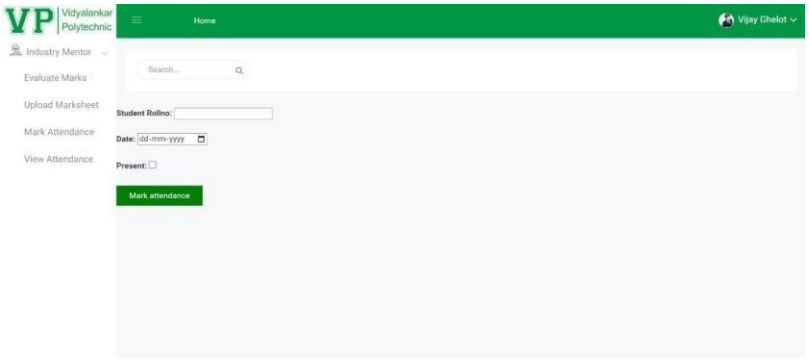

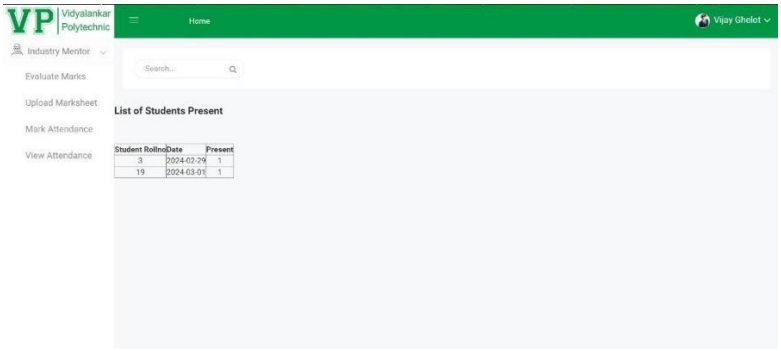

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3. **https://www.youtube.com/watch?v=uYlWoPXgaxY&t=1s**
4. **https://www.youtube.com/watch?v=o6-eO9k4SuY**
5. **https://www.youtube.com/watch?v=1SnPKhCdlsU&t=2s**
6. **https://www.youtube.com/watch?v=WYufSGgaCZ8&t=903s**
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