Internship Portal

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Abstract- **An internship enables you to gain first-hand exposure of working in the real world. It also allows students to harness the skill, knowledge, and theoretical practice they learnt in university. Internships provide a nice learning curve for students with little experience of the professional world. Internships provide students numerous perks: They gain experience, develop skills, make connections, strengthen their resumes, learn about a field, and assess their interests and abilities. Before Internship Portal students have to travel to various places to find interns, which takes a lot of their time and energy. This project shall enable the college students to apply for internship through a web portal. Through this interface the students shall be able to view the available positions for internship. It is a simple user interface which has two types of user's admin and student. The student shall be able to login into the system and apply for positions. The interface provides a grid view which displays the job name, description and the start and end date of projects. The student shall be able to search for a relevant job and apply for those positions.**

Keywords: Web based system; internship; online; database; monitoring

I. INTRODUCTION

An internship is a period of work experience offered by an organization for a limited period of time. Once confined to medical graduates, the term is now used for a wide range of placements in businesses, non-profit organizations and government agencies. They are typically undertaken by students and graduates looking to gain relevant skills and experience in a particular field. Employers benefit from these placements because they often recruit employees from their best interns, who have known capabilities, thus saving time and money in the long run. Internships are usually arranged by third-party organizations which recruit interns on behalf of industry groups. Rules vary from country to country about when interns should be regarded as employees. The system can be open to exploitation by unscrupulous employers.

Internships for professional careers are similar in some ways, but not as rigorous as apprenticeships for professions, trade, and vocational jobs. The lack of standardization and oversight leaves the term "internship" open to broad interpretation. Interns may be high school students, college and university students, or post-graduate adults. These positions may be paid or unpaid and are temporary.

Typically, an internship consists of an exchange of services for experience between the intern and organization. Internships are used to determine if the intern still has an interest in that field after the real-life experience. In addition, an internship can be used to create a professional network that can assist with letters of recommendation or lead to future employment opportunities. The benefit of bringing an intern into full-time employment is that they are already familiar with the company, their position, and they typically need little to no training. Internships provide current college students the ability to participate in a field of their choice to receive hands on learning about a particular future career, preparing them for full-time work following graduation

II. LITERATURE REVIEW

The following research articles are selected for review, keeping in mind the traditional and conventional approaches of smart street lighting system:

There are some universities in Malaysia that used web- based system to monitor and manage the data for internship training. For example, University Technology PETRONAS (UTP) has developed a Student Industrial Internship Web Portal (SIIWP)[9] and a prototype of Online Industrial Training System (OITS)[10] from manual processes to automatic processes. SIIWP allows internship eligibility checking, registration, visit schedule, online-logbook submission and monitoring as well as grade book of industrial internship program. Meanwhile, OITS was developed to reduce potential problems in communication, data redundancy and data loss. SIIWP and OITS can be easily used as an aid for the internship program and as communication medium for all parties involved during the industrial internship program.

Moreover, the federal government of Nigeria developed the Students Industrial Work Experience Scheme (SIWES) [13] to expose and prepare students of universities, polytechnics and colleges of education for industrial work site. The current registration and payment processes for the SIWES are semiautomatic and not completely manual. Therefore, the industrial training student's registration and payment system

was developed to automate the functions of SIWES unit to help transforming it from its manual state to an automated state. This system was developed to provide anytime access for students to register. SIWES can also manage the large amount of data inflow that comes in during the exercise. This system adopted the Object-Oriented Analysis & Design (OOAD) approach with the Structured System Analysis and Design Methodology (SSADM). The Top-Down Design, Hypertext Preprocessor (PHP), MYSQL, and Cascading Style Sheets (CSS) were used as development tools.

III. Proposed System

The tool is developed using PHP and MySQL Database, CSS, JS. This new interface shall enable the students to apply for internship. To use this system, the students should have registered with the database. Each student shall have a login id and password. The admin shall have the rights to create and manage these users from the back end. When the students log in to the system, a grid view shall be displayed which displays all the open job positions. It also gives the details about the start and end date. It gives a brief description about the job. Using the apply button the student shall be able to apply for the job. University can post multiple internship openings for students and they can apply for those online only which will make it very easy for students to apply for internships. It will be very simple and easy to use system for internship programs.

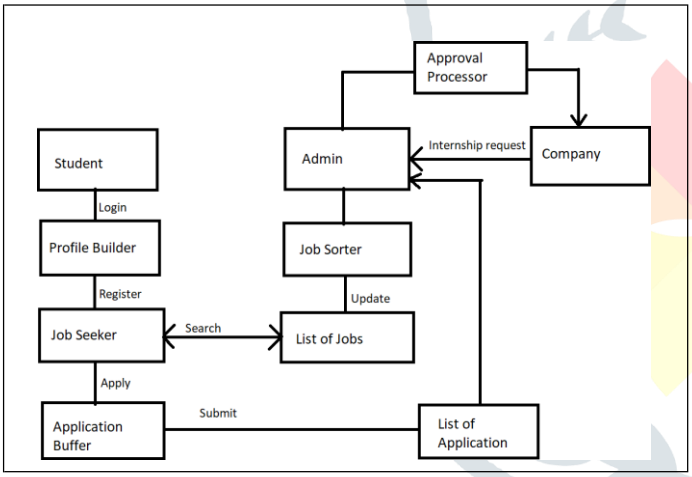

Figure 1. System Architecture

Following are the modules of this system:

a) Login/Registration module

This is the first action when accessing the application, to make sure the user is authorized to use the application he/she must first login to the application using the unique id and the passkey. If the business hasn't registered with the company then they must first buy a package of their choice and then register themselves to access the features of the application**.**

b) DBMS (Database Management System)

A DBMS is software designed to assist in maintaining and utilizing large collections of data [4]. Data represents information of the real world. Certain organizations use data to keep track of their day-to-day operations [5]. The data, is then processed into information which can be used for information processing system. Data is likely to be managed

IV. Results and Discussion

In this project, a management system called IP(Internship Portal) will be established. This system computerizes the whole process of practical training and makes it available online. This medium eases the communication of practical student with the coordinator or their visiting lecturer. IP will be fully utilized by the coordinator and the practical students because it is more reliable and effective compared to the manual system. This web-based system also can give real time notification about their acceptance or rejection into the company. All the progress updates on their practical session will also appear on this website

Following are the screenshots in an orderly manner:

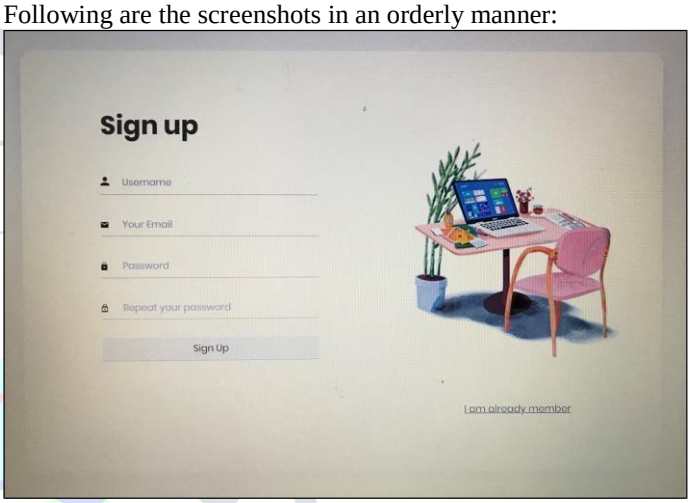

Figure 3. Registration Page

Figure 3 depicts the registration page of the portal. Students need to register into IP system to use its benefits and the system will display the number of students of respective programs that should undergo internship session during semester break for the current academic session.
Coordinator can view this information from the dashboard as shown in Figure 4.

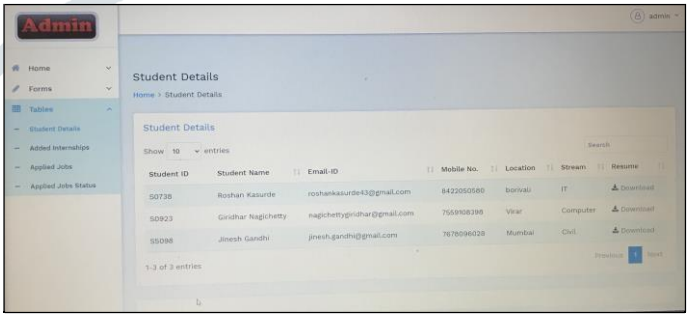

Figure 4. Number of students registered.

When the student accesses into the system, they may update their personal information by clicking the 'update' button as shown in Figure 5. This information is important for application letter purpose that will be prepared by the coordinator.

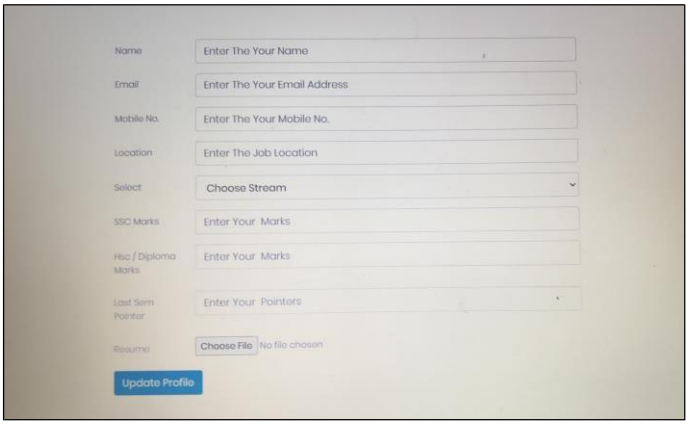

Figure 5. Student Academic Detail.

When a student keys-in the information regarding the host organization, it will be stored in the student's database. At the same time, the information will be displayed at the student's applied jobs page. Coordinator may change the status of student's application at 'Applied Jobs Pannel' as depicted in Figure 6.

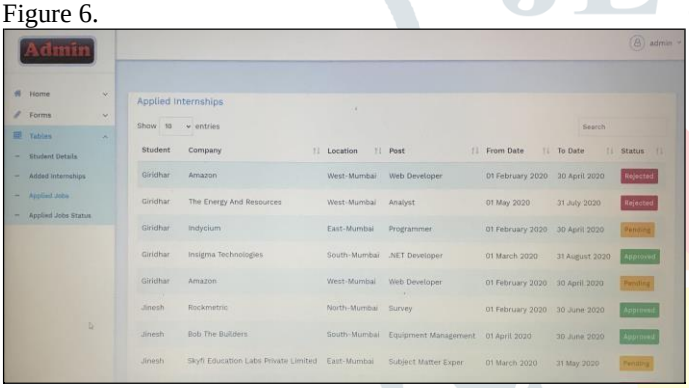

Figure 6. Students Internship Information.

By updating the workflow status, students will be more alert about their status of application and will react accordingly. Figure 7 shows the application status for each company. Every single process is recorded and displayed by the IP. Once students accept the internship offer, the information regarding the host organization will be displayed at 'Internship Information' field. Later, this information will be used by coordinator to assign visiting lecturer during evaluation process.

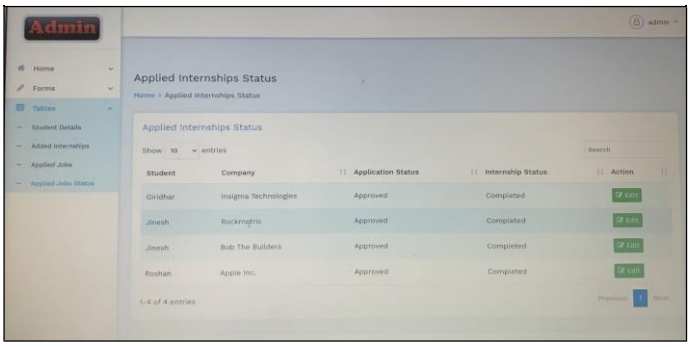

Figure 7. List Of Students Applied For Company.

Figure 8 shows the number of company's available in IP, which has vast number of fields in which students can gain experience in the field they are attracted to.

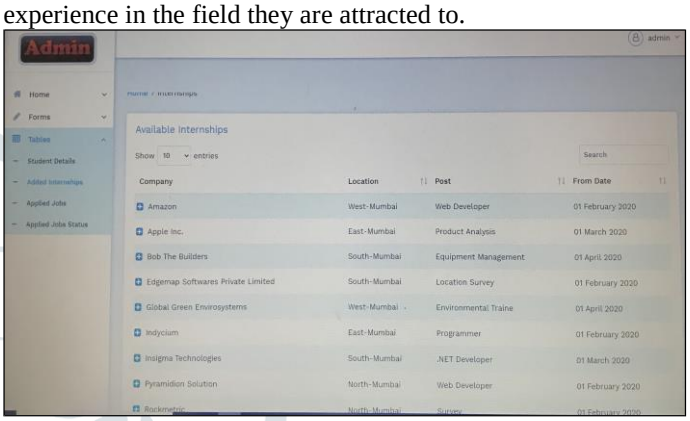

Figure 8. List Of Companies.

V. CONCLUSION

Prior to development of INTERNSHIP PORTAL, the industrial training management and monitoring process has been handled manually by the industrial training coordinator. Initial testing of this system will include small number of students as users. The system is expected to be able to reduce a lot of manual processes. Since INTERNSHIP PORTAL is still in developmental phase, more internal and external factors are still under consideration to ensure the system could benefit the students, coordinator, industrial supervisor and visiting lecturer. More evaluation Internship portal regarding the functionality of the system will be done to ensure it meets user expectation. I have special features because student can start to use the system starting from the pre-registration stage. All information regarding the applications and host of organizations are safely kept in the database and can be retrieved by administrator for future references of other students. Besides, industrial supervisors are able to assess the students by using online system. Another additional feature to be considered is providing option for the user to give feedback regarding the system to enhance the quality of the usability. Forum feature is also considered to be added to allow students to communicate with each other and to encourage two-way communications between students and coordinator.

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