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ITT app (Industrial training tracking app)

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ABSTRACT

The era of mobile technology opens the windows to the android application. The websites are vanishing and the mobile phones are emerging it. It's the time to change from conventional websites to apps. The "ITT app" is a android application developed in the android platform for maintain the industrial training details from student. The system is an android application that can be accessed throughout the organization with well proper login provided. The application does the work in simple and easy. The student can upload their industrial training details and upload their certificate. It contain ,which industry they visited ,how long they attend the training session and which techniques are they learned from industry. Staffs are view the summary report, add new student and maintain the student industry training details. The Heads are view the student progress. This is more comfort and better user interface.

INTRODUCTION

The use of the Internet and the World Wide Web has revolutionized the provision of information and the facility for the user to take action on the information obtained. Use of the Internet to enable staffs and heads to manage the in-plant training data's are process with the active involvement of the student. This led to a unique android based in-plant training management system named as "ITT app". ITT app provides information on placement drives and technical skills or personality development workshops so that students may view and assess their opportunities. ITT app is an application to facilitate students are enter their training details such as what they are learned to that company. The users can access easily to this and the data can be retrieved easily in no time. In the student registration form, we can give personal details, company details, and which technical skills are we learned in that company. Staffs are view the student details, download the student information details, send mail to higher official and etc..

EXISTING SYSTEM

The earlier system is not computerized. All functions in the system are done manually maintaining records. The management and all the departments that have been carrying out this job using manually makes the job more complicated and tedious most of the times. Poor communication between students and staffs, so here collecting about implant training details is very tough. Not easy for the faculty to verify the daily status of the student in the company visiting details. Not easy to monitor student attendance. Large amount of paper work is needed to accomplish the task in the current system and more time is needed to perpetuate necessary record Due to above problems the updating was very difficult and ambiguous.

PROPOSED SYSTEM

Improving an efficiency of implant training management system. The proposed system is fully computerized, which removes all the drawbacks of existing system. Reducing the amount of time to process maintaining the

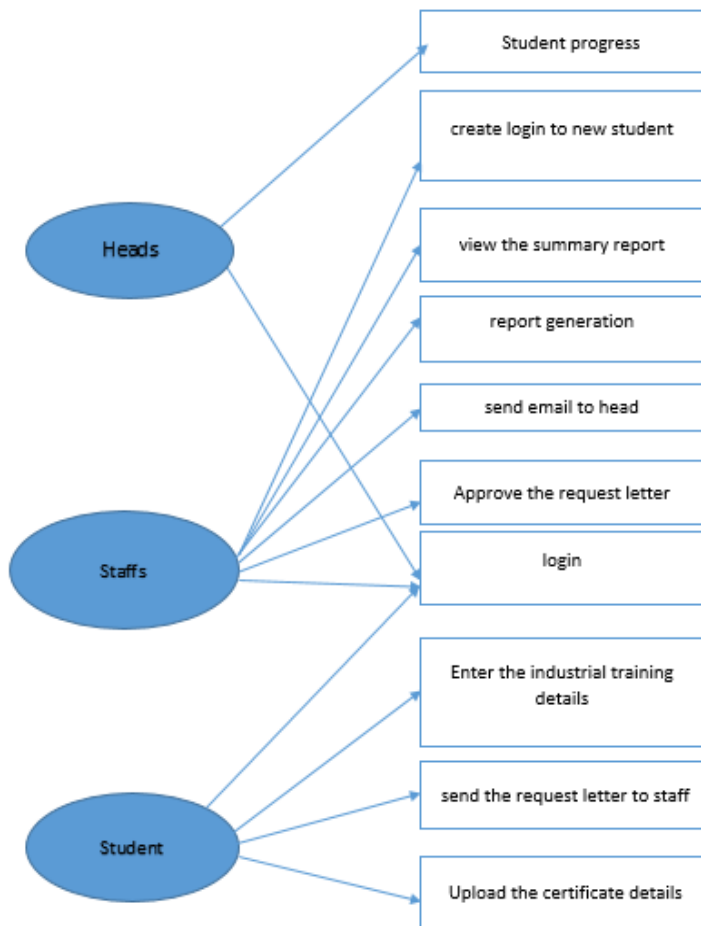
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details. The android application is highly secured. This is more comfort and better user interface. The proposed ITT meant to give more easiness to the users that they can add and retrieve information quickly. The different functions involve the case of a staffs are updating, approval. The administrator can view

and approve the various application forms. Students can register and view the details. The recruiter can view the details of the students and can approve or reject their applications. It will add some more features than the existing system [1-5].

Data flow Diagram



MODULES

Signup

- This is the first module of our application.
- It is used to create the individual account for individual student or staffs.
- User can enter their basic information to create the account.

Login

- A user navigates to an application and is presented with a login page as a way to gain access to the application.

- Authentication is successful and the user is directed to the application landing page.
- Authentication fails and the user remains on the login page. If authentication fails, the screen should show an informational or error message about the failure.
- User has forgotten their username and/or password. A link is available to begin the process to reset this information. Once the user clicks on one of these links, this page will go for a change pass word module.

Head

- All head of the departments are access this module.
- They can view the student in-plant training progress by academic vice or semester vice.
- It is very helpful to monitor the progress of the student.

Staffs

- This module access by staffs. they are view the progress of the student training details.
- They are downloading the training detail in the form of pdf.
- It is used to send the details of the student to higher official
- They are calculating the attendance of the students in the time of training period.
- They are easily calculating how many days they are going the industrial training.

Students

- Once the student has logged in, they can create and edit their profile.
- They can handle their profile by putting all the information.

- They create the profile by entering their personal information, company details, and also what we learned in that company.
- The students are upload their course completion certificate gets from the company.
- They are upload the what technical skills are learned from the company

CONCLUSION

ITT app is very useful in an institution. In the existing system maximum work are done by manually. It takes time for any changes in the system. The big problem is the sea updating of the student data. It enhances easy communication between staff and students through our application. It gives the automation in all the processes like Registration, Uploading certificate. It provide the detail solution to the existing system problem. Future enhancement of the project is company persons are interact with student and staffs. They are directly upload the course completion certificate for the student through ITT app.

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