A Synopsis on

Training and placement management system

Submitted in partial fulfillment of the requirements
of the degree of

Bachelor of Engineering
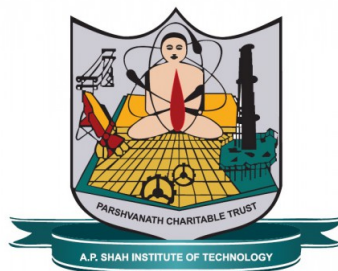
in

Information Technology

by

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CERTIFICATE

This is to certify that the project Synopsis entitled *"Training and placement management system"* Submitted by *"Shifa Tamboli (17104069),Anita Yadav (17104016), Harshita Shah (17104024)"* for the partial fulfillment of the requirement for award of a degree **Bachelor of Engineering** in **Information Technology.**to the University of Mumbai,is a bonafide work carried out during academic year 2019-2020

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Declaration

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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Abstract

The project named training and placement management system, a student/company information system is a web based system. The project is developed on the basis of III Cell‖ being presently used in the University for storing and retrieving the information of students and companies who are registered in III Cell .

The III Cell maintains a large database of students wherein all the information of student including the personal records and the academic performance is stored and company information including profile of company, eligibility criteria and facilities it provide .The software retrieves this data and displays as per the user requirement .The System provides the facility of viewing both the personal and academic information of the student and recruiters.

Admin are responsible for confirming the document of student which means if recruiters or student want to change any detail it would be verified by admin .Whenever student or recruiter try to change detail it would be notified to officer .Officer will be responsible for selecting student for drives on the basis of their performance in institute based examinations .Result of selected students would be displayed on the portal.

Introduction

This project is aimed at developing an web-based application for the Training and Placement Department of the College .The system is a web-based application that can be accessed throughout the organization with proper login provided. Training and Placement Officers(TPO)of the college to manage the student information with regard to placement .System allow the student to upload CV's and certificates after getting verified by training and placement officer . The key feature of this project is that it is a onetime registration.

It also gives the facilities to recruiters to upload their information and requirements .If any student or recruiter try to change their details system will notify officer if officer will permit the changes then that changes will be visible. For recruiter drives student get selected by officer on the basis of performance in institute based examinations round it should be display the result or selected student information.

Objectives

- Arrange and manage the information and CV's of students according to various streams.

- Recruiters can upload their information and requirements.

- Student can upload document and Certificates after getting confirmed by training and placement officer.

- Student will be selected for drives after completing institute based examinations.

- To provide Training and Employment opportunities forstudents.

- To provide industry institute interaction.

- Save time for the process.

- To reduce the manual work

Literature Review

Paper Title : Web Based Placement Management System

Authors: Anjali.V , Jeyalakshmi.P, Anbubala.R,Sri Mathura devi.G,Ranjini.V

Publication details: Anjali.V et al, / (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 7 (2) , 2016, 760-763

Findings: The project is aimed at developing an application for the "WEB BASED PLACE-MENT MANAGEMENT SYSTEM" of the college. The system is an application that can be accessed and effectively used throughout the organization with proper login enabled. This system gives the very efficient way of placement of students.

In this system the student does their registration very simple manner the placement officer can easily get the information of students. The system gets easy access to the eligible student. According to that system notify the students. The system also helps the college to maintain records of current and previous students also. The system gives records to college for alumni meets.

This system can be used as an application for the Placement Officers in the college to manage the student information with regard to placement. Student logging should be able to upload their personal and educational information in the form of a resume. The key feature of this project is that it is one time registration enabled. Our project provides the facility of maintaining the details of the students.

Advantages:

- It reduces the manual work.

- Consumes less time.

- This project is developed with PHP for frontend and MY SQL for backend.

- Easy to collect and manage student data.

- To increase the accuracy and efficiency of placement procedure.

- Reduce the paper work.

Problem Definition

In various colleges training and placement officers has to collect the information, CV's of student and manage them properly and arrange them according to various streams and if modification is required it has to be done manually which is a bit tedious. So, to reduce the job of training and placement officer to manage student and recruiters information new system is proposed which process through the computer Which would be total web based application which will manage and arrange student and recruiters information and provide the facility to upload their document .Here student can search regarding company information and recruiters can also see the details about college and student .Basically this web based system would be interactive system.

Proposed System Architecture/Working

The aim of the proposed system is to develop a system with improved facilities. The proposed system can overcome all the limitation of the existing system, such as student's information is maintained in the database, it gives more security to data, ensures data accuracy, reduces paper work and save time, only eligible students get chance, it makes information flow efficient and paves way for easy report generation, reduce the space. proposed system is cost effective.
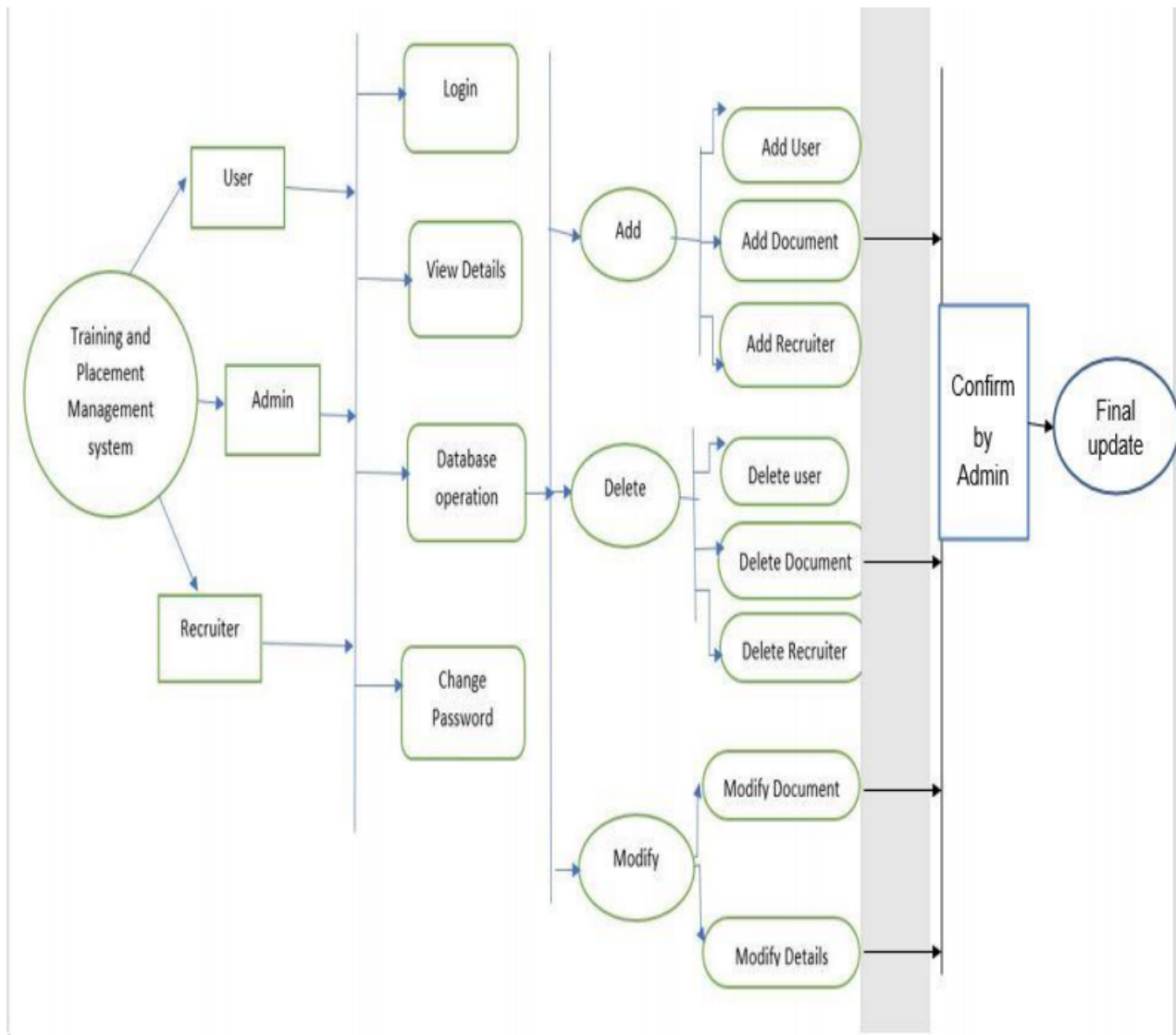
Figure 1: Architecture
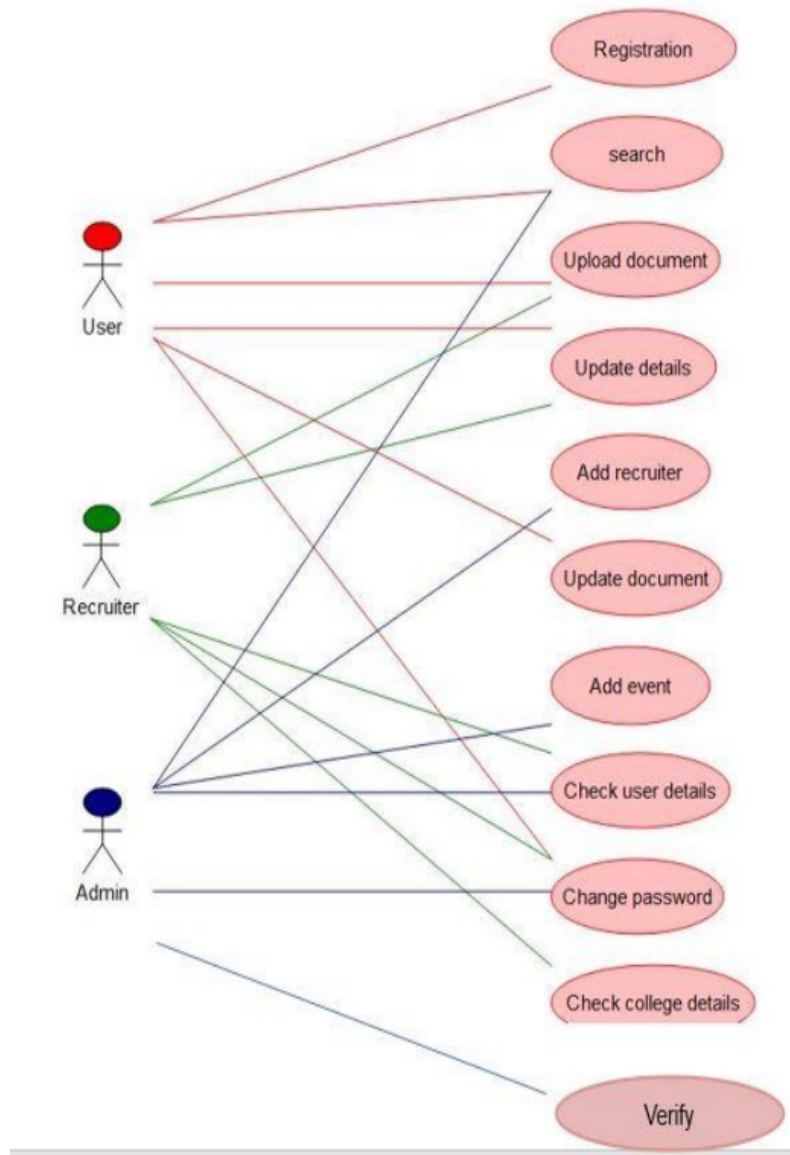
Figure 2: Working of the system and requirements

Functional Requirements

The above problem statement gives a brief description of the proposed system. From the above, even without doing any deep analysis, we might easily identify some of the basic functionality of the system:

Login Page: The login page of our system is used to provide authentication that will restrict unauthorized users to access our system. Most applications today have an authorization system in forms of Facebook login, Google login, other email login and more. Having an authorization system is a great way to keep users organized.

Admin: A faculty member/TPO Officer should be able to login to the system through the first page of the application, and mention his required roll number and he should get the details of the student with that roll number. An administrator can login into his account and he will update the student information.

Normal User: Any student of the institute who wishes to avail the facilities of TPO has to register himself with the TPO Management System. On successful registration, a user ID and password would be provided to the student. He has to use this credentials for any future requirements. Student can submit resume and update profile information.

Non-Functional Requirements

Generally Non-functional Requirements are quality attribute or characteristics of System. According to this, we can identify following requirements as Non Functional Requirement for given Problem Statement :

• Error handling: TPO Management System shall handle expected and nonexpected errors in ways that prevent loss in information and long downtime period.

• Performance requirement: The system should accommodate high number of companies and student without fail.

• Safety requirements: System use shall not cause any harm to human user.

• Database Requirement:Passwords should not be saved in plain text but should be saved in cryptic form. Only admins should be able to access the database.

Design and Implementation

Figure 3: Login

Figure 4: Admin HomePage

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Admin-My Profile

User details

Name: _____

Email: _____

Phone No. : _____

Branch: _____

Year: _____

User Name: _____

Country: _____

City: _____

Edit

Upload picture

Save

Figure 5: Admin Profile

Figure 6: Admin add User
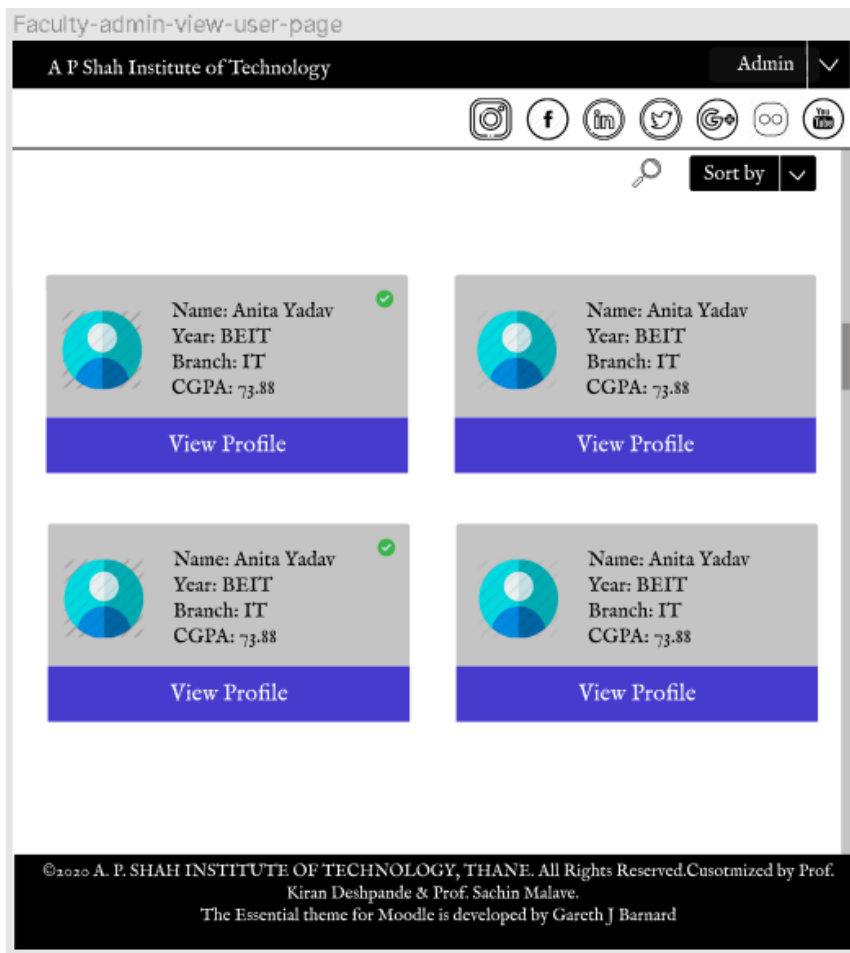
Figure 7: view User
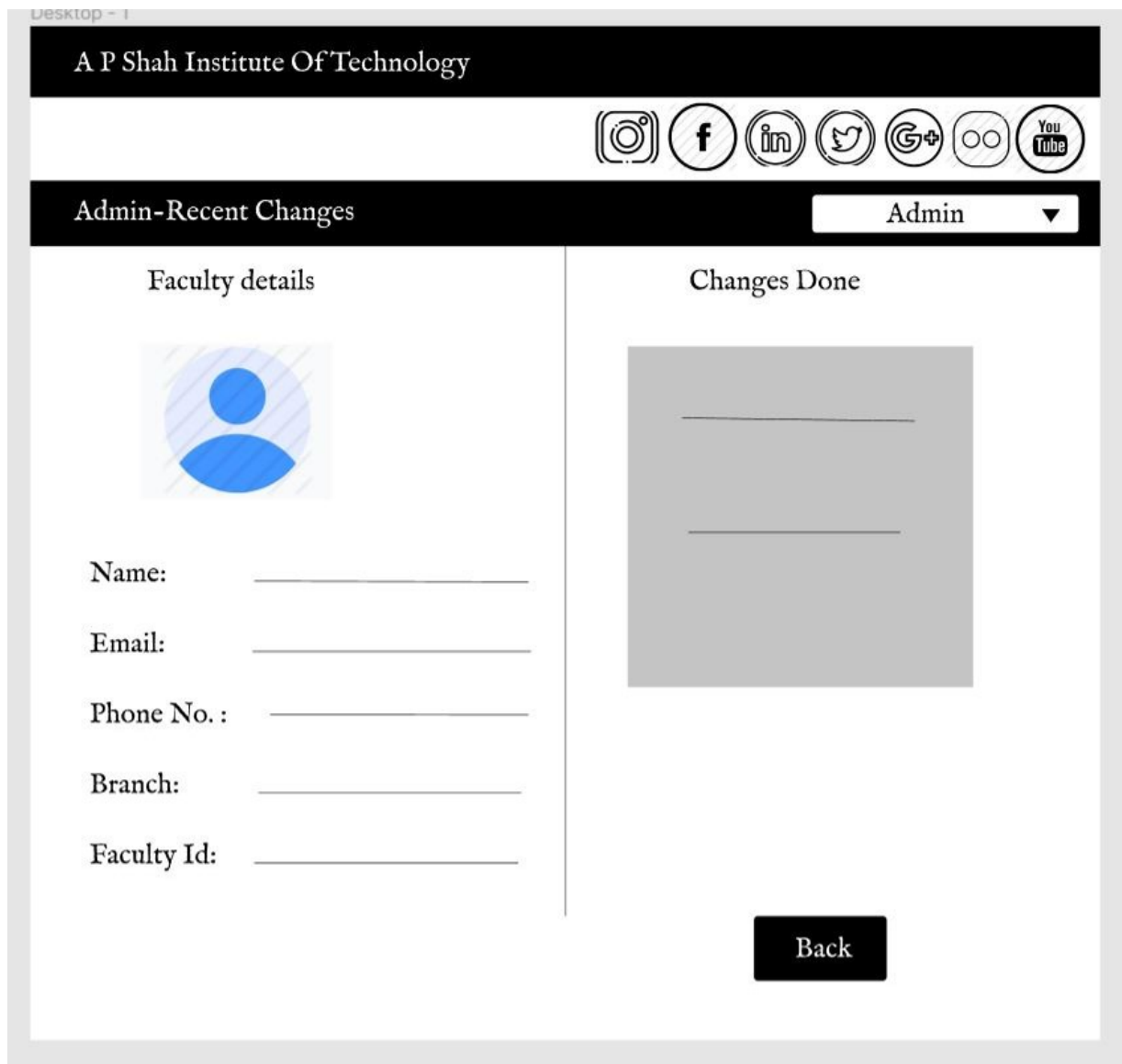
Figure 8: Recent Changes
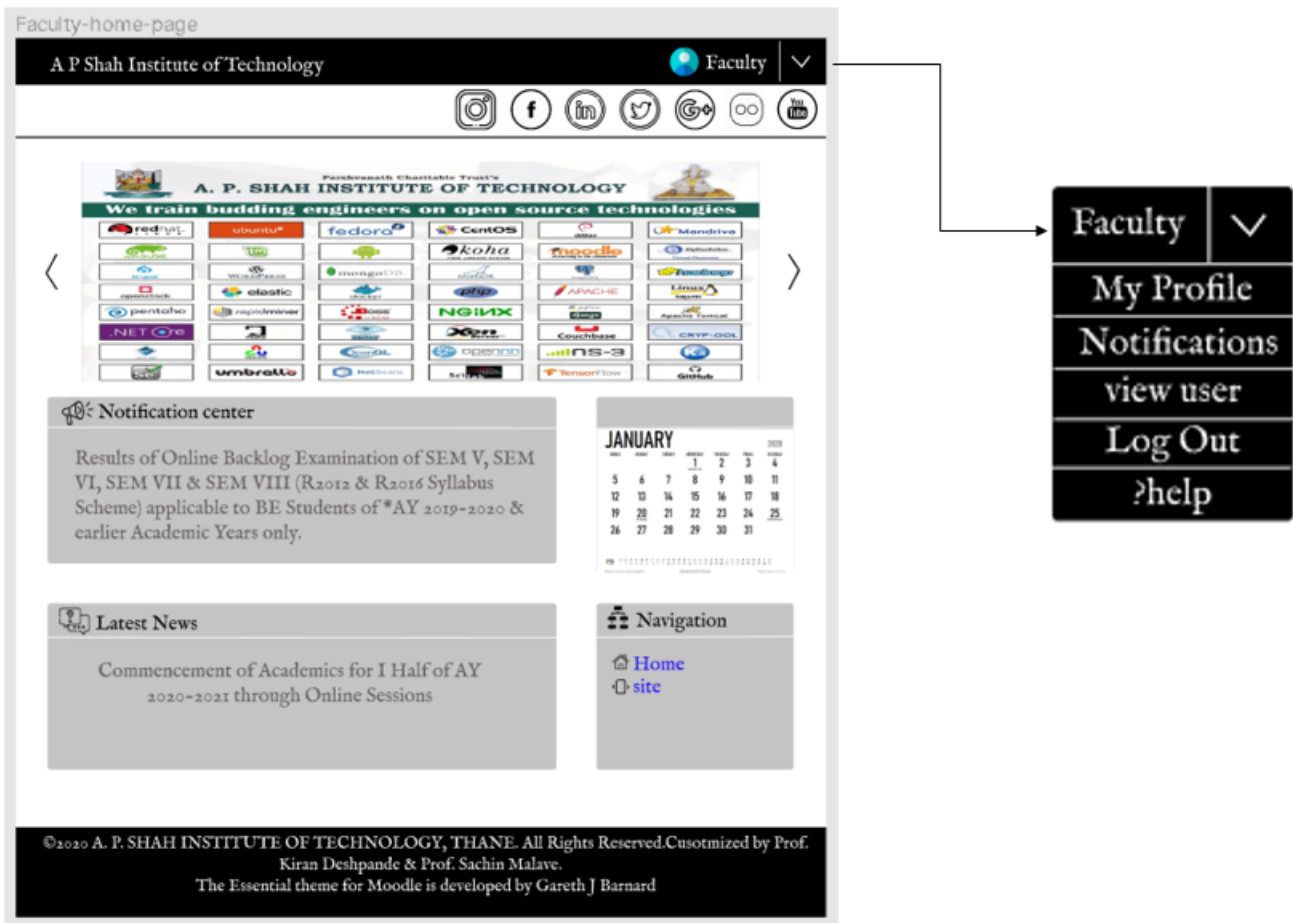
Figure 9: Faculty HomePage

Figure 10: Student HomePage

Figure 11: Student MyProfile

Figure 12: Recruiter HomePage

Figure 13: About Us

Summary

The work presented in this report is related to Training and placement management system.

- Provides the searching facilities based on various factors. Such as Training, Technical Skill, Placement, Placement cell.

- It tracks all the information of Student, CGPA Mark.

- Manage the information of Student.

- Shows the information and description of the Training, Technical Skill.

- Manage the information of Training.

- Provides filter reports.

- You can also export the report into csv format.

- To increase the efficiency of managing the training, student.

- Integration of all the reports of Placement cell.

References

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[3] Roger S.Pressmen, T. Mc. GH. – Software Engineering (Theoretical Approach).

[4] Thereon Willis wrox publications (2000) - "Beginning SQL Server".

[5] www.java2s.comSQL introduction- Wikipedia, the free encyclopedia