

An Automated System To Maintain Training And Placement Data

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Abstract- An automated system to maintain training and placement data which can be used by the colleges to maintain their training and placement records and student's database is proposed in this paper. This system is a Web-based Application which is very useful for students, company and T & P Department [1]. PAH control the overall system. PAH upload required information for the students. PAH can approved or reject user. The system allow students to enter their records such as academic and personal details. Similarly company personnel can login into the system to check the details of students. The system allow company personnel to mention their campus related information such as company details, job description, eligibility criteria, packages, selection process round etc. The system manages to send emails to the students regarding to the placement, training or internship. The system help to manage huge amount of database. An Automated System to Maintain Training and Placement Data helps to save time and efforts of T & P department.

Keywords- ASP.NET framework, Web Application, MySQL Database, PAH, resume.

I. INTRODUCTION

The web based application for Training and Placement System focuses on the automation of the placement cell. This system developed for college placement cell [1]. The training and placement data management system is for students and college which maintain the database for the students. Training and placement system have three basic modules Students, Placement Activity Head (PAH) and company. Admin module is administration of system [3]. The first module i.e. student can create account and can login into system by using their login id and password anytime he/she wants [2]. Student can enter his/her personal detail like name, email id, phone no etc. as well as educational details like HSC and SSC marks and aggregate pointer in all semesters. Students can update or modify or delete information to keep data up to date. Students can update resume. The second module is PAH [3]. All the event of system can manage or control by the PAH. PAH can manage user like student and company. PAH can approve/reject user of student and company. PAH can view information posted by the company and students, shortlisted students for the specific campus

drive, applied students list for the campus drive and student and company profile. PAH module can post detail of workshop and training activity organize in college. Another module is company module. Company module have their own login id and password. Using this login id and password company module can login into the system and check the details of student. User can give their feedback by using feedback section. Company can shortlist students by using their educational details. Company can post detail of job like requirement, criteria, and selection round details etc. Company can view applied list of students. Notification can send through the email. The benefit is that student would be aware of upcoming companies and can able to apply for that.

II. LITERATURE REVIEW

Right from the start college have to manage all the data including student profile and their documents and the details of company manually [1]. As now every college want to make the work in sophisticated manner so they use the smart system for managing all the work. To manage all the data regarding to training and placement activity web based application for training and placement data management system is develop [1]. The system is help to reduce time required because all works can done online. Placement officer can save their time because they don't have to collect information of companies manually because all the information is available online. Students can update or modify their details within a few seconds [2]. All the three modules can communicate with each other through communication wall. Hence the training and placement data base management system is help to maintain a huge database for the complete details of students and company which would help to save time and efforts [3].

III. SYSTEM ARCHITECTURE

The System Architecture of Proposed System is as shown in Figure 1. [1]

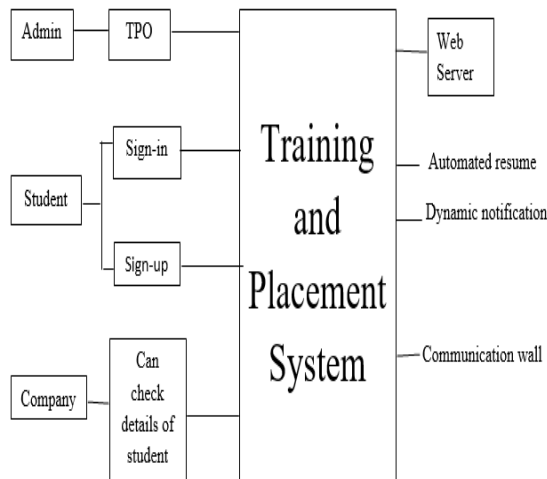


Fig.1: System architecture

The system architecture contains following three modules TPO, student and company.

1. Student:

Sign up: to create an account students need to sign up and need to fill all the required detail and also need to provide userid and password.

Sign in: user can login into the system by using their userid and password. Students have to fill all the details including their academic as well as personal details. [1]

- Create profile and update personal as well as academic details.
- Prepare resume in standard format.
- View training and workshop detail posted by PAH.
- View job details posted by the company and apply for the interview.
- Edit update delete their profile.

2. PAH:

- Can control the system.
- Can able to upload required material for the students.
- Can communicate with students as well as company.
- Also can send notification as email to the students
- Generate notification of organized workshop, training, placement or IV.
- Can approve/reject students and company user.
- Can view list of applied students.
- Can view applied student's details.
- Can shortlist the students for the campus.
- Can view posted information by the company.

- Update resume format.

3. Company:

Sign up: to create an account company need to sign up and need to fill all the required detail and also need to provide user-id and password.

Sign in: user can login into the system by using their login-id and password. Company have to fill all the details including their academic as well as personal details.

- Can update their information of campus or internship like eligibility criteria, facilities and packages provide by the company.
- Can view detail of students.
- Company can send email to student and PAH.
- Can update company profile.
- Can view list of applied students.

IV. WEBSITE DESIGN

Design Description of the modules included in the system are as follows:

Only the authorized users i.e. students and company can login and can update profile, check information. Administrator, company and students can login using their username and password. If unacceptable username or password is given, then access will be denied.

Input Design-The inputs set to the system are as follows:

- PAH Details
- Company Details
- Students Details
- Username and Password
- Email id

Output Design:

4.1 Login Page- depicts facilities such as Login, Students Company PAH details.

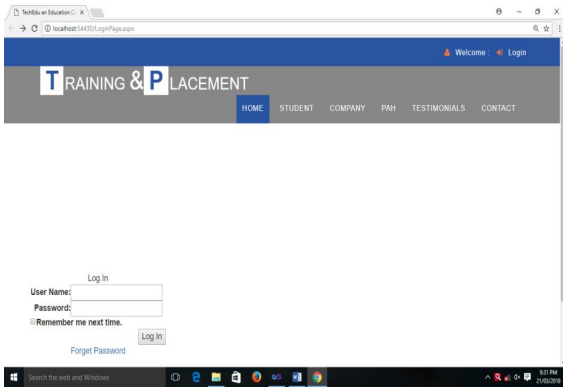


Fig: 4.1 Login page

4.2 PAH Registration-depicts facilities such as Registration for PAH module.

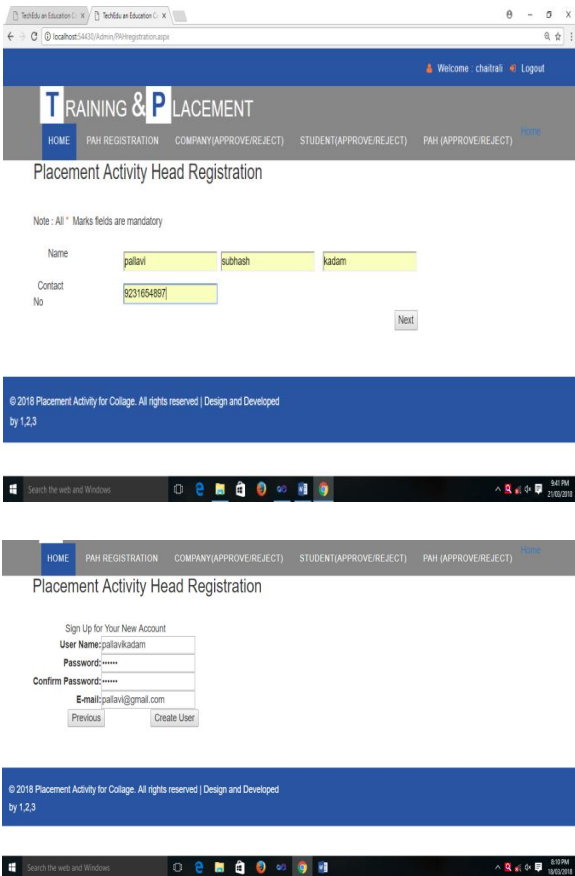


Fig: 4.2 PAH registration

4.3 Admin Dashboard: depicts facilities such as shortcut for PAH registration, Approve/reject Students and company, Manage PAH users.

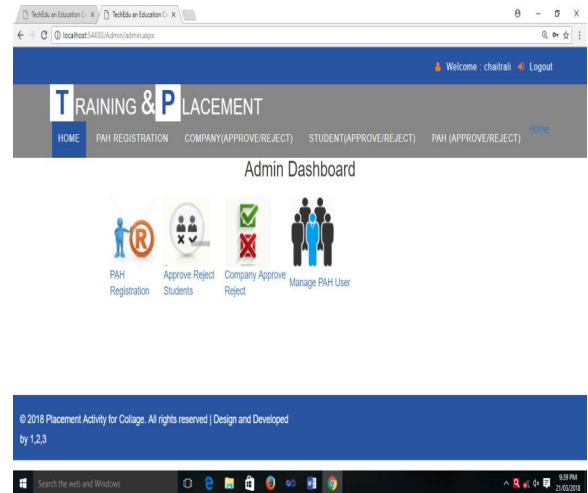


Fig: 4.3 Admin dashboard.

4.4 Student registration- depicts facility for registration for students. Same page is created for company registration.

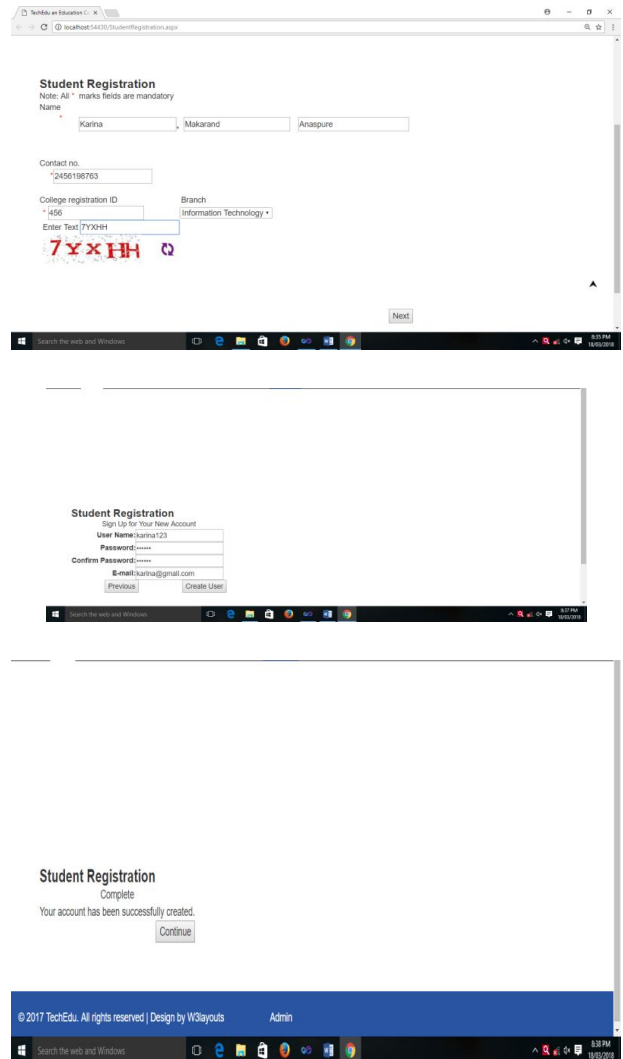


Fig: 4.4 student Registration form.

4.5 Approve reject students- depicts facility for approved reject students, and PAH approve Reject Company also. Same page is created for approve reject students.

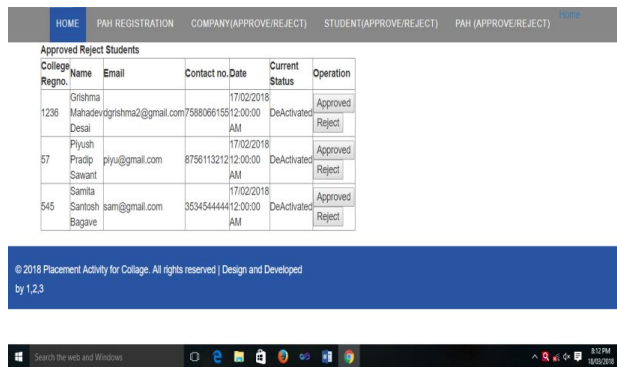


Fig: 4.5 Approve reject students.

4.6 PAH Approved/Reject- depicts facility for approve reject PAH for admin. Admin has power to provide authorization to authenticate users only.

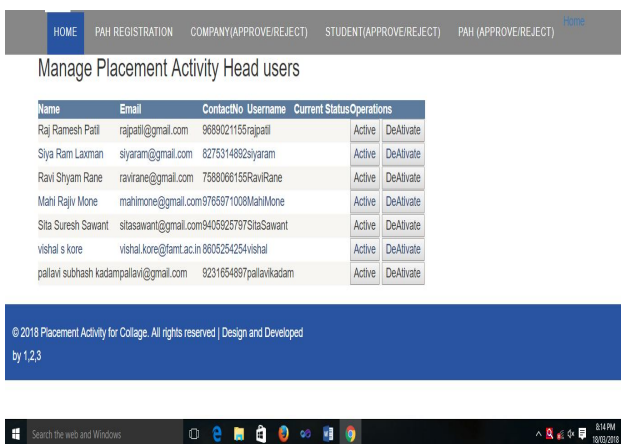


Fig: 4.6 PAH Approved/Reject

4.7 Company Profile- Company can create their profile by using this page.

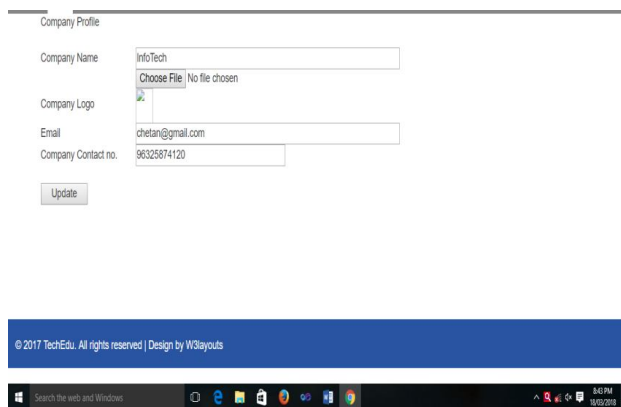


Fig: 4.7 Company Profile

4.8 Job Posting- by using this page company can post for job updates.

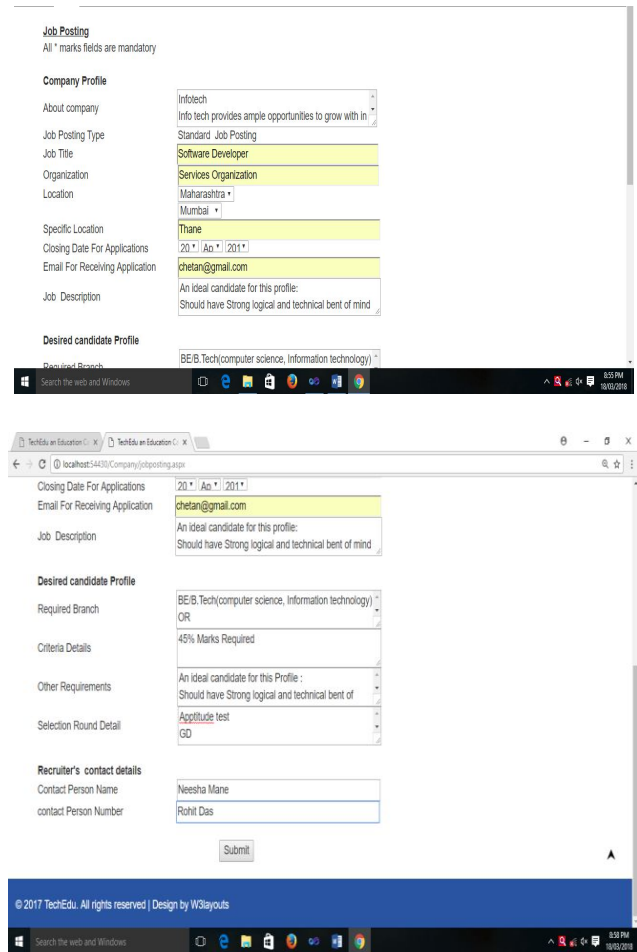


Fig: 4.8 Job posting

4.9 Applied Candidate List- company can view details of students who applied for the particular post.

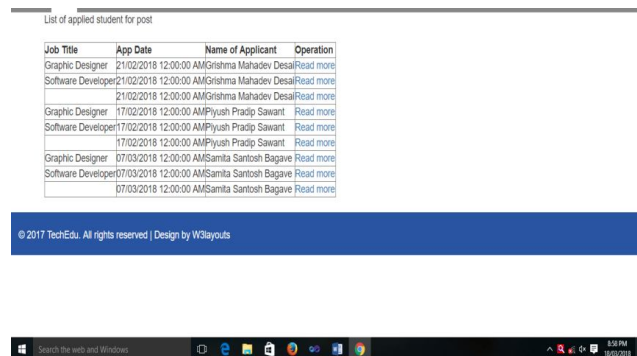


Fig: 4.9 applied candidate List.

4.10 Workshop Training notification for students- using this page PAH can update notification for students of training and workshop organize in college.

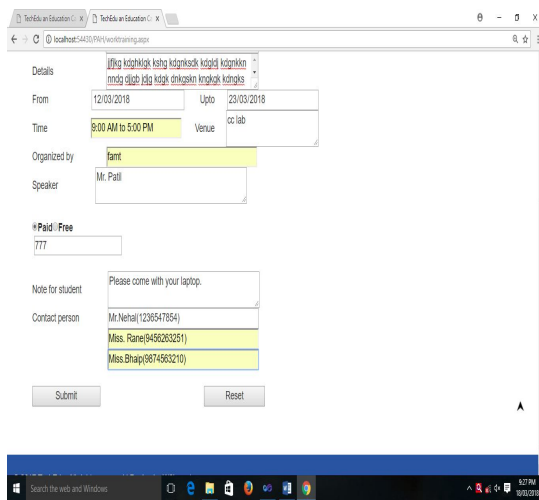
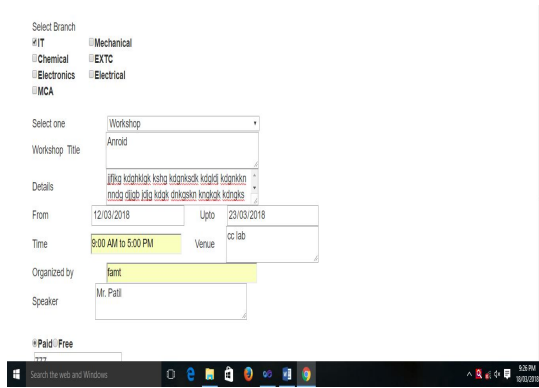


Fig: 4.10 workshop training details.

4.11 Student profile- using this page students can create and update their profile information like academic as well as personal details.

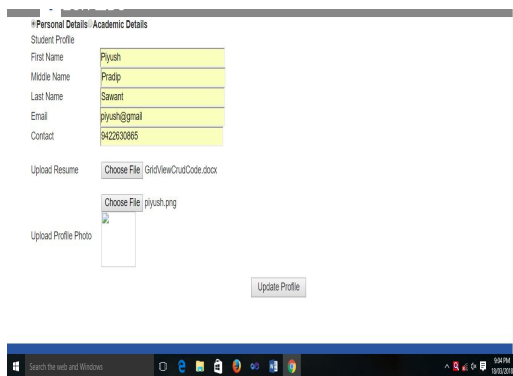


Fig: 4.11 Student Profile.

4.12 view details of workshop and training activity- using this page students can vie information post by PAH related to the workshop and training activity.

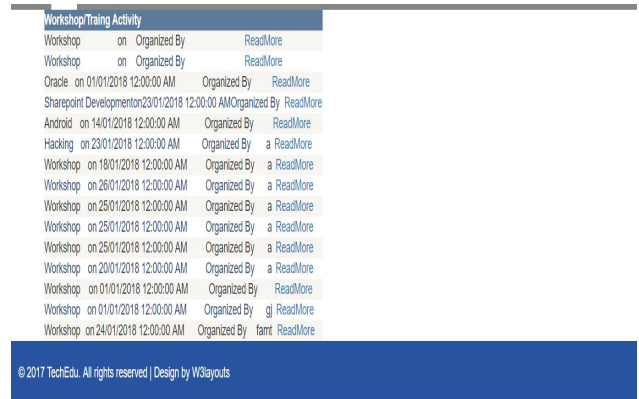


Fig: 4.12 view details of workshop and training activity

4.13 Workshop and training details viewed by students.

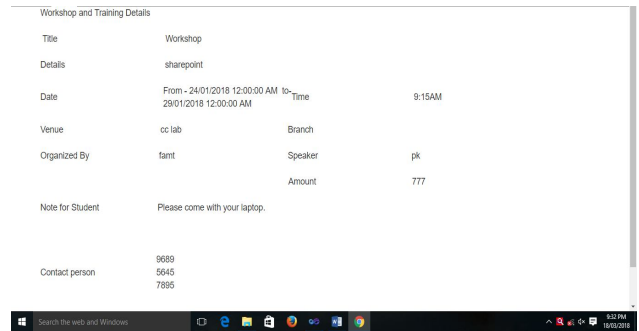
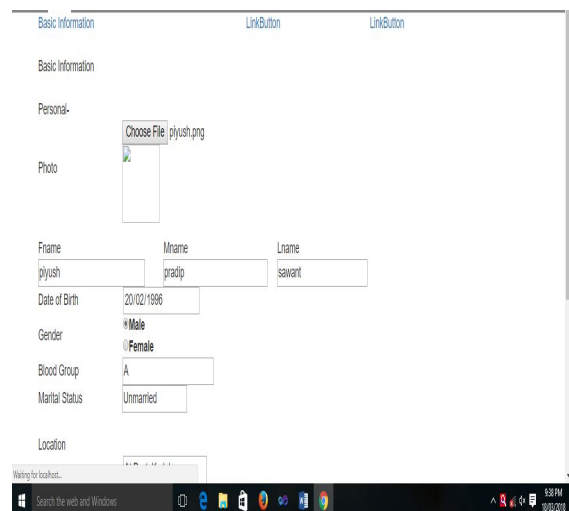


Fig: 4.13 Workshop and training details viewed by students

4.14 Update resume- Using this page students can update their resume in standard format posted by PAH.



The screenshot shows a web browser window with a form titled 'Update Resume'. The form contains the following fields and values:

First Name	Middle Name	Last Name
piyush	pradip	sawant
Date of Birth	20/02/1996	
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female	
Blood Group	A	
Marital Status	Unmarried	
Location	AI Post, Kudal	
Address	[Empty]	
State	maharashtra	
Contact information	[Empty]	
Email ID	piyush@gmail.com	
Phone No.	9854789543	
submit		

At the bottom of the browser window, there is a footer: © 2017 TechEdu. All rights reserved | Design by W3layouts. The Windows taskbar is visible at the bottom of the screen.

Fig 4.14 update resume

REFERENCES

- [1] Prof. Vishal Kore, Chaitrali Tulaskar, Sneha Sawant, Grishma Desai, "Training and Placement Data Management System", 4th International Conference on Innovation and Research in Technology and Engineering (ICIRTE-2017), 26th – 27th October 2017, P.V.P.P. College of Engineering, Mumbai.
- [2] MSTaheniyathShua, Ms. Shubhangi Chikte, Ms. Priya Sakhar kar, Ms. Seema Bundele, Ms. Nikita Wankar, Prof. S. R. Sontakke An Automated Solution to Training and Placement Cell Activities ISSN: 2321-8169 Volume: 5 Issue: 4 416 – 420
- [3] Vikrant A Agaskar, Surjit H Singh, Srujan S Chaudhari, Keyur P Rajyaguru. To Automate Entire Placement and Training Cell for The College using Android Application with Cloud Computing. Vol. 5, Issue 3, March 2016

V. CONCLUSION

The existing system is not automated and is very time consuming for the TPO and students. The major problem is the searching and uploading of the student data. Notice board is only method to give notification to students. Also, there is a chance of human error. The project named Web based application for training and placement is Web application created in vb.net. The project has been developed on the basis of placement being used in our college for searching and retrieving the information of student, and companies who are registered in placement. The placement application and maintains a large database of students where in all the information of student including the personal information and the academic performance and company information also provide. This system is automated in which searching and updating can be performed. System can generate criteria wise student list and also system can generate the resume of selected student and able to print it. Hence we can say that the web based system is less time consuming and faster as well as user friendly as compare to the existing system.

VI. ACKNOWLEDGEMENT

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