

Online Training and Placement Web Portal and Android App for an Educational Institute

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Abstract: *Online Training and Placement system computerizes exercises of preparing and situation cell gives chances to the understudy group to utilize aggregate knowledge to expand choice proportion and backs out procedure of formation of administration data consequently. Online Training and Placement System concentrates on the robotization of the situation cell. Approving the resumes, imparting about the different employment opportunities to the understudy group, dealing with the corporate relationship for welcoming them for the arrangements too different exercises, making the position measurements, observing the advance of the determination procedure and speaking with various client. Online Training and Placement System framework gives the module like Student (Current Student/Alumni), Administrator (TPO/TnP Staff/Departmental Staff), Company and Forum. It has the highlights like Integrated Toolkit for Reach-out to Companies Track. It oversees Placement procedure of each Job posting separately. Oversee Company Profiles, Manage Job Postings, Authenticate and actuate the understudy profiles, Send Notifications to understudies, Create rundown of understudies according to organization HR Manager Job Request, gives the rundown of shortlisted understudy with resume to organization HR Manager, Export information of shortlisted understudies to exceed expectations record in light of Search Criteria, Manage understudy profile, Set inclinations for understudy qualification criteria for position, Time and Role Based Secured Access to clients.*

Keywords: *TPO; TnP; Security; Authorizing; Forum*

I. INTRODUCTION

The prior framework isn't modernized. All exchanges in the framework are done physically by looking after records. It requires much investment for a Training and Placement officer to gather all information about the students and company. There is poor correspondence amongst understudies and TPO. TPO may not get the coveted data. It is hard to facilitate TPO, organizations and meetings. The proposed framework is an electronic application and keeps up a concentrated vault of all the essential data. The framework enables understudies to get to points of interest of enrolments. The framework enables understudies to get to any preliminary material posted by different offices. Enrolment specialists can get to the understudy points of interest. It is simple for one to get to wanted data through the very much characterized interfaces. This work present web portal designed for managing training and placement data. The objective of this project is to develop a system that can be used by placement cell of a college. The purpose is to design a system that provides functionalities to perform the activities related to placement services. It is based on complete modular architecture. This modularity of the architecture will allow us to replace or add modules in the future as a way to enhance a particular feature of particular situation. This system can be used as an application for the TPO of the college manages the student information with regards to training and placement. In the present work some of the modules are implemented by means of managing training and placement data. Whereas module responsible for adopting student information, company information and study material require for company placement. [1]

II. PROBLEM DEFINITION

This system is gone for building up an online application for the Training and Placement Dept. of the Institute. The framework is an online application that can be gotten to all through the association and outside too with appropriate login. This framework can be utilized as an application for the TPO of the Institute to oversee the understudy data with respect to position. Understudies logging through to be capable to transfer their data as a CV. Guests/Company agents signing in may likewise get to/look through any data set up by Students. The motivation behind preparing and situation of the understudy in universities, TPOs need to gather the data and CVs of understudies and oversees them physically and organizes them as indicated by different streams. On the off chance that any change is required that will be Additionally done physically. Along these lines, to lessen the activity required to oversee CVs and the data of different enrollment specialists, another framework is proposed which is handled through PCs. [1]

III. EXISTING SYSTEM

Currently, there is no such specific online system used by the college dedicated to placement and training cell. For broadcasting notices, Google groups are used which sends emails to the entire group. Students are required to subscribe to each and every group separately so that they will receive the notification specific to the joined group. Many such groups are to be subscribed. If the subscription is not successful the student will not be able to enroll for activities and will not receive notices. And for maintaining the students record excel sheets are used for each and every activity separately and it does not allow easy automatic computation. An android application is used which allows TPO just to broadcast messages to subscribed students. Validation of students information is to be done manually after filling the form as no database for verification is available to Edify and it is not at all college specific. [1]

IV. PROPOSED SYSTEM

Our proposed framework is a one stop answer for the current issues. Considering every one of the errands that are critical for TPO and should be performed efficiently are incorporated into the application. Our focus isn't just on performing calculations on information and creating records as per qualification yet in addition on giving understudies with all-round help in regards to each movement of the Placement and Training process. To keep the application from smashing issues the databases are put away on the web and not on the application accordingly influencing it to sufficiently light to keep running on the dominant part of Android gadgets. Our framework ensures that every single real action is performed from the application by the client with the assistance of easy to understand interface and proficient usefulness. The pages are connected in the most helpful way making it simple for the client to hop starting with one assignment then onto the next. Every client is given extraordinary highlights and security. The TPO can give an endorsement to altered data done by the understudy. Also, TPO can look through the qualified understudy based the organization criteria and can create the rundown. Additionally TPO can send a mechanized email to the qualified understudy. Broadcasting of notice is the primary undertaking for TPO as no understudy should miss the open door so alongside mass push notices App likewise gives SMS and email incorporation with the goal that nobody misses the takes note. The proposed Online Training and Placement systems expected to stay away from every one of the downsides of the current system. It will include some a greater number of highlights than the current system. The proposed system is a savvy method for doing the manual procedures done in the current system. This encourages the association to win the war in the existing focused world. The proposed system is a school particular Android application approaching the whole database of school and which will let the TPO and TPC get to data effectively and impart appropriately. Registration id which is given at the time of registration to each TPC is utilized by TPO to see points of interest and keep them refreshed with all occasions of Training and Placement cell. [1]

A. System Architecture

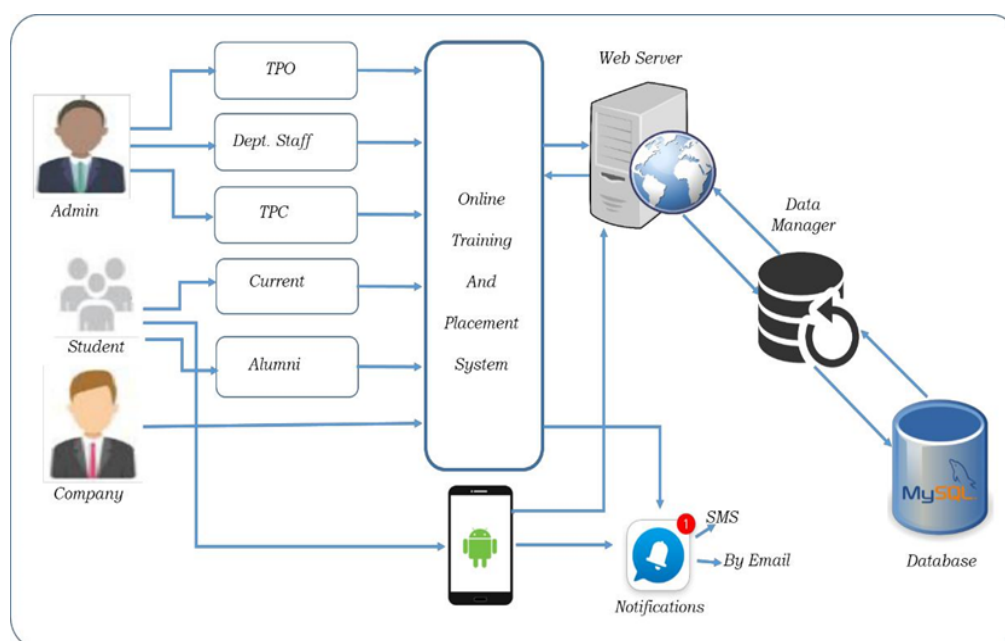


Fig. 1. Proposed System Architecture

- 1. TPO:** This is the Head of the Training and Placement Cell. This person having responsibilities such as contacting to the industries and arrange the campus placement in the college. This person will be able to handle the date of the students of all branches. TPO can generate the Reports in the format he wants. TPO can access, view and edit information of the users. TPO can give active and deactivate status to the user. TPO can see the recently changed /created login. TPO can generate the vacancy and informed the user by using automated email. TPO can search the student based on the company criteria and can prepare the list and will send to the company. TPO can inform the student about the company through the automated email. TPO can generate report of the student branch wise. TPO can sort the information based on the requirement. TPO can prepare the schedule and events about the companies and flash it to every student login as well as front page. TPO can contact with the company and can ask the detail information about company. TPO can take automated feedback and can see filled feedback given by alumni or company. Conversion of the current student into the Alumni Can add/delete/edit the company Can add/delete/edit the job TPO can generate the report if required by the company or management like Class Wise Report, Company wise Report, Placed student Report, Unplaced Student Report.[1]
- 2. TPC:** TPC Staff gives activation and deactivation status to the student. TPC Staff generate the report which required for the management for decision making. TPC Staff uploads the required material for the student. TPC Staff can communicate with the Student, TPO, and Departmental Staff through forum. TPC Staff can communicate with companies and based on the information provided by the companies they can generate the schedule and events and will provide the current student in their login. TPC Staff flash all the notices in the respective student login. TPC Staff generate the information flash it on the front page of the website. TPC staffs can upload/edit/delete the resource placed online. TPC staff can create/edit/delete the jobs. They can view the registered company.[1]
- 3. Student:** Students are the key participants of this system as this application is going to help them most. The students having smartphones are provided with the application and the others who don't have smartphones are provided with the web portal access. For this facility the students have to register to the portal or the application. By using the application and the web portal the students can fill their details and able to receive any notification from the placement system of college. In the current student module, once the student login, they will see the news and events at the home page. They can manage the profile by putting all the information. They can communicate with the other users. They can download the resources provided by the users. They can see the company registered with the system. They can filter the company name wise. They can see the company web site address. Also they can see the jobs created by the TPO and what is their requirement. Also they can download the material provided by the company. Student can provide the feedback. Also setting option is provided to reset the password. Once the student will get the password on his provided email id, student can enter his profile. They have to complete the profile by putting all the required information. They have to provide the SSC percentage, HSC and diploma percentage are optional if not then put zero. Also student has to provide the information like live allow keeping term (ATKT) and dead ATKT. And they have to fill the semester wise percentage. The aggregate percentage will be automatically calculated. The reset option is provided to reset the whole profile.[1]

V. RESULTS



Fig. 2. Home Page

Training & Placement Online Portal

Sign Up for TNP Cell

Branch/Streams of Education:

Name:

Roll No:

Full Name:

Gender: Male Female

Address:

Email:

Password:

Repeat your password:

I agree to the TNP Cell Terms and Conditions.

[Already have account? Login here](#)

Powered by: Dept. of Computer Engineering

Fig. 3. Student Registration Form

TNP Cell

Nirmal Computer Engineering

Dashboard Control panel

Publish New Notice

Id:

Notice Title:

Description:

Department:

All Notices

Fig. 4. Notice Board

TNP Cell

Nirmal Computer Engineering

Dashboard Control panel

Filter Students

Show: entries

S.No	Name of Student	Department	Email	Mobile	Year	BC %	Diploma %	HSC %	SSC %
1	alokgh	Computer Engineering	alokgh@gmail.com	0123456789	2016-17	1	1	1	1
1	AbhijithA	Computer Engineering	abhijithA@gmail.com	8765432109	2016-17	1	1	1	1
2	xyz	Computer Engineering	xyz@gmail.com	1234567890	2016-17	2	2	2	2
2	abcd	Computer Engineering	abcd@gmail.com	1234567890	2016-17	3	3	3	3
25	Tnp-Pravin-Datta	Computer Engineering	pravin.datta@gmail.com	9876543210	2016-17	15	15	15	15

Showing 1 to 5 of 5 entries

Fig. 5. Student Record Filter

V. CONCLUSION

Through this method, we tend to area unit sure that Training and Placement Activities can run sapiently with a unified management and following legitimate order and security. The system gets easy accessibility to the eligible student. Student, TNP staff, TPO get the specified data. The administrator can have the capability to examine and approve the student information, build the understudy list in light-weight of the corporate criteria, company points of interest may be given to the students. The system additionally helps the school to keep up records of current and former students additionally. The system provides records to varsity for alumni meets. Placement officer prepares the schedule of all activities concerning the position. Our Aim to attain academic Organizations towards digitalization are accomplished through our system.

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