

An Interactive Android Application for Training and Placement System

Mayur Wadje, Yuvraj Madake, Gireedhar Rodge, Shahaji Yadav

Department Of Computer Engineering

Bhivarabai Sawant College Of Engineering And Research, Narhe, Pune

mayurwadge500@gmail.com, yuvraj110210@gmail.com, yadavshahaji@gmail.com, gireedharrodge1@gmail.com.

Abstract : The utilization of Smart telephones, Internet and World Wide Web altered the arrangement of data and the office for the client to make a move on the data got. The utilization of web empowers T&P cell to oversee situation handle. This prompt an electronic situation administration system grown particularly by the arrangements expert and the product developer to become Online Preparing and Placement system. This system is an application that can be gotten to by the understudy through their advanced mobile phone as an android application and the high approved individual (TPO, Principal, HOD, Department co-ordinator) through desktop as web application with legitimate login gave. This system can be utilized as an application for the Training and Placement Officer (TPO) of the institute to deal with the understudy data concerning arrangement and likewise completed the position action. Understudies logging ought to have the capacity to transfer their data as a CV, Personal subtle elements, Academic details.

Key Words: TPO system Automation, Android, Database server, web Server, Smart phone.

I. INTRODUCTION

This framework is an application that can be gotten to by the understudy through their advanced cell as an android application and the high approved individual (TPO, Principal, HOD, De-partment co-ordinator) through desktop as web application with appropriate login given. This framework can be utilized as an application for the Training and Placement Officer (TPO) of the foundation to deal with the understudy data with respects to position and likewise did the position movement. Understudies logging ought to be capable to transfer their data as a CV, Individual points of interest, Academic subtle elements. TPO, Principal, HOD, Department co-ordinator logging can get to/pursuit data set up by Students W.R.T. their power.

This framework is an application to encourage understudies in JSPM Institute to enlist them-self for situation, get to went to company data, look and apply for employments. TPO gives endorsement of understudy enrollment and refreshing, sending email to the qualified understudy, nourishing the warning. This framework gives data about the company which is to be gone by to the establishment for the enlistment, number of understudy set in the company, set understudies audit, additionally found arrangement approach, data about situation movement with the goal that understudies may view and get to their openings.

1.1 Problem Definition

The proposed android application for T&P gives more effortlessness to handle the preparation and situation related

data recovery. The framework upgraded with programmed mail framework and element notification framework. The framework gives need insightful information access to clients. This system is designed to improve the working of system. Tpo has to pass the student and he or she can inform online. Improve accuracy in result. This system has user friendly interface having quick authenticated access to the documents. It provides the facility of maintaining the students details. It will reduce the paper work and utilize maximum capability of the setup and organize as well as it will save time and money, which are spending in making reports and collecting data. This system can be use as an application for institute to manage the student information concerning placement

1.2 Proposed System

The proposed Online Training and Placement System intended to give more ease to the clients that they can include and recover data so rapidly. When you open this web application at the front end all the timetable/occasion are accessible to everybody. Additionally in the each present understudy login this timetable/occasion are accessible. There are basically six sorts of clients they are Current Student, Alumni, Training and Placement Officers (TPO) of the college, Training and Placement Staff, Departmental Staff and Companies.

The administrator is the ace client; he gets the most number of needs than alternate clients. The diverse capacities include the instance of an administrator are refreshing, endorsement. The administrator can see and favor the different application

shapes. There are two sorts of understudy; Current Student and Alumni. Current Students can survey and enter data all day and all night and from any area. Understudies can alter their CVs on the web, and refresh them constantly. Understudies can adaptably look for and View Company and opportunity points of interest, and apply to opening by appending a CV. Understudies can get to important assets put online for them. For graduated class the most recent three years information will be kept up. A different enrollment will be finished by the graduated class and separate profile will be kept up of every graduated class. Graduated class will be stayed in contact by a robotized notice by E-mail message. They will have admittance of forum, with which they can post inquiries, answer questions. This will help the present understudy as there will share of thoughts by alumni's. Understudies on situation will likewise utilize the framework to peruse critical declarations, to get data on evaluation, to see the consequences of appraisals recorded in the framework.

Administrators have three unique clients like TPO, TnP Staff, and Departmental Staff. Every client gave an alternate components and security. The TPO can give an endorsement to altered data done by the understudy. Furthermore, TPO can seek the qualified understudy based the company criteria and can create the rundown. Additionally TPO can send a mechanized email to the qualified understudy. TPO can communicate with the understudy through the forum module. At the point when TPO first login, they see all the as of late changed/made companies and opportunities. Like different clients, they can look at any opening on the framework. Of course, they can likewise look for opening through adaptable structures. Strict arrangement based security characterizes a furthest farthest point on the permitted exercises of a given administrator client like TPO. TPO can accumulate data on all understudies for which they have proper authorizations; this can be on an individual or gathering premise, they can likewise send out a spreadsheet of critical insights on a gathering for further or definite investigation. Initially the framework status page uncovers a lot of data about the latest use of the system.

TnP Staff is the one the most essential client in the OTaP framework. They give the endorsement and conformance to the understudy through computerized email framework. They give the approval of the data gave by the understudy through robotized email framework. They can see the data gave by the understudy like imprints, contact points of interest, parent versatile number, extracurricular movement or other data. They discover the understudy in view of the aptitude or extracurricular action. They can utilize the parent's points of interest for further communication. They put online notification, timetable and occasions so that the whole client can see this.

One approve Departmental Staff can enlist with the framework. Staff can give the obliged material to the

understudy for the arrangement. They likewise transfers/download the data. They can communicate with the Student or TPO through forum.

1.3 Existing System

In a current framework, all procedures are handled physically. The director ought to allude every one of the records kept for a considerable length of time back to just known the points of interest. This is so repetitive and tedious. This procedure is so troublesome when the quantity of clients increments. There are numerous impediments for the current frameworks. In manual Training and Placement, all the work done at BSCOER(Bhivarabai Sawant College Of Engineering And Research) is by human intercession because of which there were greatest odds of blunders. The interface of understudy and regulate is most extreme which makes the framework tedious.

Understudies made and presented their CVs right on time in the year, abandoning them solidified in time. Records were delivered for each company, and understudies needed to frequently set out into survey the notice board. The procedure was moderating; important scholarly time was occupied from movement that is more helpful. At the records were put away in adjusted, exceed expectations sheets henceforth sorting is an issue.

The exceed expectations sheets were less enhanced e.g. assume we need understudies having 2 ATKT then the understudy with 0, 1, 2 ATKT were select though required outcome is just of 2 ATKT. The documents were not put away various leveled design subsequently looking was a major issue, because of this the refreshing was extremely troublesome and equivocal this prompts the duplication of records was regular henceforth information excess. Seeking is done physically in light of the company criteria TPO will distinguish the qualified understudy by looking the exceed expectations sheet.TPO needs to see every single understudy imprints and their qualification. No looking technique is given. The understudy will get advise through conventional notice board as it were. There might be odds of loss of chance. The understudies were not being made mindful of the T&P movement.

At BSCOER there is no any technique for communication with the TPO, Student, or Alumni. On the off chance that anybody needs to chat with the TPO he needs to go in a TPO lodge and take significant data. The data like company question paper, CV Format, Job points of interest are not accessible to the understudy.

At BSCOER there is no technique to take the input about the understudy, about the company, or about the graduated class. The framework now at TSSM'S Training and Placement office could not take affirmation from the understudies taking care of specific occasion thus bunches of confusion ultimately. There were less interfaces amongst

understudy and Training and Placement division. There was no record kept of the past understudies. There was less communication between past or give understudy the Training and Placement division.

II. LITERATURE SURVEY

In this segment we talk about the diverse Methodologies Review/Literature Review and Motivation Outcomes from it.

1.1 Review Of Methodology

This paper depicts the answer for issue which happened in existing manual framework. The real issue in existing manual framework is looking and refreshing of the understudy information. The proposed framework gives computerization in every one of the procedures like enrollment, refresh, and looking of the understudy information. Likewise if understudy are qualified for company then the understudy can specifically apply for the company by just tapping on apply button.

This paper depicts the thought regarding the clients and their power. This makes the application all the more simple and alluring. There are for the most part two users: TPO (administrator) and understudy. The administrator is the ace client. Administrator has the more number of needs than alternate clients. The distinctive capacities included are refreshing, endorsement. Understudy can enlist and can see/alter their profile subtle elements. This paper additionally portrays mechanized email sending to the qualified understudies.

This paper portrays the two stages, the first is to keep up the rundown of understudies and their records and other is to keeping up the company details and in light of the company prerequisites, make the rundown of understudies branch astute, which is more complex assignment. This paper portrays about nourishing the criteria by the TPO and framework will create and send programmed email to qualified understudies.

Additionally the paper portrays about the way toward sustaining data about upcoming company by the TPO and dynamic notice era by the framework. This paper portrays about the connectivity issues being developed of framework.

III. SYSTEM OVERVIEW

One approved Departmental coordinator can enlist with the framework. Staff can give the imperative materials to understudies for that will be useful for the situation. They likewise transfers/download the data.

The TPO will encourage the data about the upcoming companies alongside the data about the company and any opportunities, along these lines creating substantially wealthier data, and a feeling of proprietorship for the company.

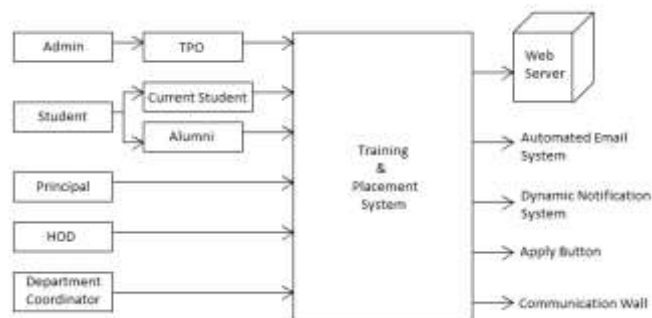


Fig -1: Architecture Diagram.

Role of User in the system:

TPO:

TPO is the administrator of this system. TPO can be a TPO for Engineering, Polytechnic and Pharmacy. TPO is able to view the student details of all departments. TPO is able to upload the required material for the student. TPO can communicate with the Students, Principal, HOD and Departmental coordinator through communication wall. TPO can feed the notification about the events that will be conducted by the T&P cell, also about upcoming company. TPO can send the email to the students who will be eligible as per the company criteria. System will retrieve list of students based on the company criteria and send it to the company. TPO can generate report of the students department wise. TPO can sort the information based on the requirement.

Students:

Once the student login, 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, academic information, and also can upload his/her resume. They will come to know about forthcoming company through notification and student can be apply to the Company if student is eligible to the company. student can also view, download the visited company aptitude question paper. They can communicate with the other users through the communication wall. Student will also get the notification which is feed by the TPO.

Principal:

Principal can be for engineering, polytechnic, pharmacy college. Principal can view the student profile of respective branch. Principal can download the student resume. Principal can upload the data. Principal can communicate with other user through the communication wall. Principal will also receive the notification which is feed by the TPO.

HOD:

HOD can be for engineering, polytechnic department. HOD is able to view the student profile of the respective department.

He can download the student resume. HOD can communicate with other users by making use of the communication wall. HOD will also receive the notification which is feed by the TPO.

Alumni:

Alumni can register to the system. Alumni can participate in communication wall for communication with other user. Alumni can upload data like important documents, question papers etc. Alumni will also receive the notification which is feed by the TPO.

Departmental coordinator:

One authorized staff can register to the system. He can fill the information required for validation. The Staff members can upload or download the material/data required. Staff can upload the information. Coordinator can participate in communication wall. Departmental coordinator can view the notifications that are feed by the TPO.

IV. CONCLUSIONS

In the existing system, maximum work goes manually and it is error prone system, takes time for any changes in the system. The big problem is the searching; sorting and updating of the student data and no any notification method available for giving information to student expect the notice board. In the Online Training and Placement System provides automation in all the processes.

The system gets automated in the online registration all the user, activation and deactivation of the user, personalization to the user, resources to be provided online, communication between the users, online feedback, other setting option. The admin can see the user information and will validate it, generate the student list based on the company criteria, company details can be provided to the user, searching and sorting can be done, and reports can be generated. Alumni data can be maintained. Overall, all the process of the training and placement department is automated.

Quality assurance in teaching learning environment is a tedious process. No customized application is available for maintaining quality procedures in teaching environment. OTaP System provides quality implementation solution in teaching environment.

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