ABSTRACT

The Project Named “WEB BASED PLACEMENT ANALYSIS AND TRACKING SYSTEM” is a student/company web-based Information system .Training and Placement Cell is the management cell it is supported by databases. Training and Placement has a major role in every college in which most of the work till now is carried out manually. The Main aim of this project is to Automate the Training and Placement procedure in our college. This project reduces manual work and maximum the optimization, abstraction and security. This is a web application which will help students as well as the administration authority to carry out each and every activity in campus hiring.

This system is an application that can be accessed throughout the organization and outside as well with proper login credentials. This system can be used as an application for the Training and placement cell of the college to manage the student information with regarding placement recruitment.

Students able to view eligibility criteria based on their CGPA for the up-coming placement drives and they can access technical and QA papers regarding particular company.

Key Words:updation, online training and placement management system, TPO, databases, students, eligibility

CONTENTS

TITLE	Page No.
Abstract	
Keywords	
List of Figures	
1. Introduction	1
1.1 Introduction	2
1.2 Motivation for the work	3
1.3 problem statement	4
1.4 organization of the thesis	5
2. Literature Survey	6
2.1 Existing system	8
3. Methodology	9
3.1Proposed System	9
3.1.1 Architecture	10
4. Design	11
4.1 UML Diagrams	
4.1.1Use case Diagram	
4.1.2 Class Diagram	
4.1.3 Sequence Diagram	
4.1.4 Activity Diagram	

4.1.5 State chart Diagram

4.1.6 Component Diagram

4.1.7 Deployment diagram

5. Experimental analysis and results 25

5.1 System configuration 25

5.1.1 Software requirements

5.1.2 Hardware requirements

5.2 Sample Code 26

5.3 Screen shots 59

5.4 Experimental Analysis/Testing 71

6. Conclusion and future work 74

6.1 Conclusion 74

6.2 Future Work 74

References 75

Base Paper

Published Paper

List Of Figures

Figure Number	Figure Name	Page Number
3.2.1	Problem Architecture	10
4.2.1	Sequence diagram	13
4.2.2	Component diagram	14
4.2.3	Class diagram	16
4.2.4	Use case diagram	17
4.2.5	State chart diagram	20
4.2.6	Activity diagram	23

1. INTRODUCTION

Our project is mainly focused on analysis and tracking of student Performance in placement drives. To implement this application, coordinator has to collect the student's data,those who are eligible and qualified for the aptitude and future rounds.

The current system is computerized one, but it does not meet the needs of Training and Placement Cell. In existing system, the student's data is maintained in Excel Sheets. According to the Company's Requirement the data is short listed manually by the TPO's. Handling and maintaining of student's data manually is hectic to the T&P Dept and sometimes it might be inaccurate. To overcome these limitations,we proposeda new system called "AN EFFECT OF ERP ON WEB BASED PLACEMENT ANALYSIS AND TRACKING SYSTEM".

The main purpose of this project is to add new features to existing system. The proposed one is an online system which can be accessed throughout the Organization and outside as well with valid login credentials. This system can be used as an application for the Training and Placement Department of the college to manage student's information regarding Placements. The student'srecord includes personal details, educational qualifications, professional skills and academics,etc.,This system acts as central repository for student information.

1.2 Motivation for the work

In our college T&P department collecting the placements data manually and also they are maintaining student's data who are qualified for next rounds in the form of excel sheets. So with the help of T&P department we have decided to develop a web based application on training and placements. This project is completely developed by taking the inputs from the TPO.

1.3 Problem Statement:

This project is aimed at developing an online application for the Training and Placement Dept. of the college. This system is an online application that can be accessed throughout the organization and outside as well with proper login credentials. This system can be used as an application for the T&P department of the college to manage the student's information regarding placement. Students can view the companies schedules which are going to the college and schedule dates for upcoming company and also they have login ID, username they can change their password without concerned Admin. Coordinator send message to the student about upcoming placement to our college.

1.4 Organisation of the thesis

The purpose of the introduction chapter is to provide an overview of the entire thesis, summary of the project and its future scope. It also tells about the basic architecture and implementation of the project

- It contains the methodology of the system, tells about the existing system and our proposed system.
- It contains the aspects of system analysis and feasibility study which tells about the how much the developed application has met client requirements.
- It explain about the different modules involved in the system and its basic overview
- It shows class diagram of the proposal system gives the brief explanation of hardware, software, application requirements of the
- It contains the various Frameworks implemented in our application
- It concludes our project work and gives an idea about future scope of the project

2.1 EXISTING SYSTEM:

Existing system does all process has done by manually. Placement officers maintain the information about students manually. If any modifications or updates are required in their profile of any students, it has to be done manually. This is very difficult task for TPO to maintain the student data and company details as it is time consuming, lack of security of data and also it takes more man, etc,. This is so difficult to the Tpo when number of user's increases.

3. METHODOLOGY

3.1 PROPOSED SYSTEM:

The proposed website includes the following features:

- Training and placement department maintains the details of each student.
- Students can view the status of their upcoming campus.
- Search feature helps to admin because they check particular student is present or not
- Admin can only update student details and academic records like email id, current semester, correspondence address and marks obtained in different semesters via csv file.
- Provides a proper communication channel between student and training & placement department using the Sms.
- Latest information about which company is visiting the campus is provided in the website which helps the students to get updated information quickly.
- Website is user friendly with more GUI so that student view the information easily.
- Duplicate registrations can be avoided and hence it provides reliability.
- Only administrator can modify the Placement and organization record if needed.
- website more helps to make a short list of students who get placed in certain Company and who is unplaced. student can manage passwords, access technical papers and view eligibility criteria for on-going recruitments. Coordinators maintaining the attendance records of CRT classes.