ABSTRACT

The Project Named "AN EFFECT OF ERP ON PLACEMENT MANAGEMENT SYSTEM" a student/company Information system is a web-based system. The project is developed on the basis of "CAMPUS RECRUITMENT" being presently used in the Campus for storing and retrieving the Information of students and companies who are registered in Placement Cell. The Placement Cell maintains a large database of students where in all the information of student including the personal records and the academic performance in terms of the SPI is stored and company information including profile of company, eligibility criteria and facilities it provide etc. The software retrieve this data and displays as per the user requirement

The Placement Management System is developed as an attempt to take a record of company and students by restricting such a large database to that of a particular class of students or company. The System provides the facility of viewing both the personal and academic information of the student and company it can also search for eligible students and company and also insertion and deletion of records by the administrator. Eligible students will receive an email including the details of the company on their registered e-mail id in which the date-time and location will be provided.

Key Words: placement management system, TPO, campus recruitment, students, eligibility, database

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1. INTRODUCTION

Nowadays educational institutions reputation is based on the Placements that are provided by the institution. Handling and maintaining of students data manually is the hectic task to the T&P Cell .In the current system Training and placement activities are carried out manually, so there are more chances for getting errors. It is a time consuming activity for collecting, managing, updating student's data as number of student's increases. This laborious job can be made simply by computerizing the 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 the student's information with regarding Placements. Placement Department prepares the schedule of all the activities regarding placements. In this proposed system students who are eligible for the drive will be notified through SMS or Email.

Students Login enables them to view their eligibility regarding drive and attendance of CRT classes .It allow department coordinators to view number of placed and unplaced students.

1.1 Placement Management System

The Placement Management System acts as an interface between campus recruitment cell and students. Here students can get the details by logging into the website. Some circulars regarding ongoing placements which are provided to the students who are going to attend campus placements. This system also provides facility to admin to update details of students and retrieve their data.

- **Modules**
  - Admin Module
  - College Module

Scope of Project:

This project covers wide scope of information of all the students which can be stored in the format of CV's are categorized according to various streams. Various companies can access the information of students and they can maintain and update their information. Notifications are sent to students about the companies. Students can access previous information regarding placement.

- View Student Profile
- Company Page
- Company Login
- Company recruitment schedule Page

- View Recruitment Schedule
- View Selected List of Students
- Updates by the Administrator
- View Updates by the Students

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.

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

describes a novel approach to overcome the limitation of traditional dynamic taint analysis by integrating static analysis Into the system and presents framework SDCF to detects of ware vulnerabilities with high code coverage. Our experiments show that SDCF is not only able to provide efficient runtime protection by introducing an overhead of 4.16 based on the taint tracing technique, but is also capable of discovering latent software vulnerabilities which have not been exploited , and achieve code coverage of more than 90%[5].

Banfield,he investigated on Rweb statistical analysis environment that is delivered through World Wide Web (WWW). It is based on R programming, it is well known statistical analysis package. The only requirement is to run the basic Rweb interface in a WWW browser that support forms. If you want graphical output you must have a browser that supports graphics. This interface provides access to WWW accessible data sets, so you may run Rweb on your own data. Rweb can provide a four window statistical computing environment (code input, text output, graphical output, and error information) through browsers that support Javascript[6].

2.1 EXISTING SYSTEM:

- Filling forms by students

  Here a form is given to students in which he/she has to fill details such as name, roll number, contact details, percentages(from first year to till date), Intermediate particulars(name of institution, place, year of pass, percentage), SSC particulars(name of institution, place, year of pass, percentage).

- Collecting marks from green book

  Marks of each student are collected from green book (a book containing marks and other details maintained by each department in college).

- Preparing excel sheet

  From the data collected through filled-forms and green book, excel sheets are prepared.

These excel sheets are used to prepare a list of students who full-fill the requirements of a company visiting the campus and these students are eligible to attend the campus placement.

3. METHODOLOGY

3.1 PROPOSED SYSTEM:

In the proposed system the user need not do all the hectic work. he will be provided with an interface with which he can easily get his work done.

The following are the facilities that are provided by the system to the user.

- Notice generation

  Here user has to provide information to the system about company name, date and venue at which campus drive might take place. With this information the system will generate a notice which can be seen on students' account to intimate students about placement drive.

- Student list generation

  Here the user has to provide information to the system about the requirements of the company (such as, cut off percentage, number of backlogs allowed etc.).

- View student profile

  Here the user is able to view a student's profile of his interest by giving the student's roll number as input.

- Result analysis

  Here the user is able to get the results which are released and store them for later usage

- Posts

  Here the user is provided to post updates or any necessary details to students or others (for example-company officials) depending on his need.

3.1.1 System Architecture
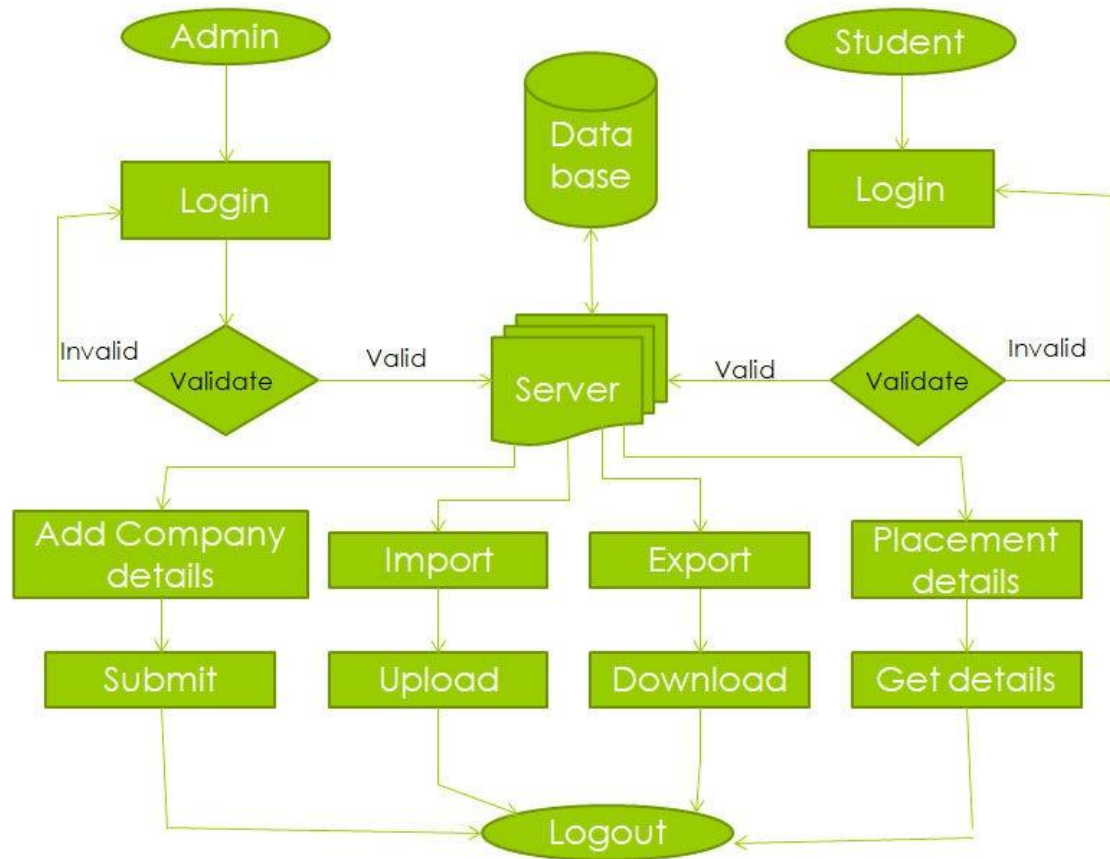
Component Diagram:

This is a Component diagram of Placement Cell Management System which shows components, provided and required interfaces, ports, andrelationships between the Qualification, College, Training Applicants and Job. This type of diagrams is used in Component-Based Development (CBD)to describe systems with Service-Oriented Architecture (SOA). Placement Cell Management System UML component diagram, describes the organization and wiring of the physical components in a system Components of UML Component Diagram of Placement Cell Management System

• Qualification Component

• College Component

• Training Component

• Applicant Component

• Job Component