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MAJOR DOCUMENTATION

ON

# **Campus Recruitment System**

**This is submitted in partial task of the requirement of my Company**

**Of**

**Beta Centauri Pvt Ltd**

**By**

**Name: Sangram Keshari Panda**

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**UNDER THE GUIDANCE OF:**

**Mr. Aswini Sir and Mr. Susant Sir**

**BETA CENTAURI PVT. LTD**

**DECLARATION**

I declare that , I have worked sincerely on the project “Campus Recruitment System ” and the project report is the product of our own Company and analysis under , Beta Centauri Pvt Ltd , Bhubaneswar.

ABSTRACT

A college campus recruitment system that consists of a student login, company login and an admin login. The project is beneficial for college students, various companies visiting the campus for recruitment and even the college placement officer. The software system allows the students to create their profiles and upload all their details including their marks onto the system. The admin can check each student details and can remove faulty accounts. The system also consists of a company login where various companies visiting the college can view a list of students in that college and also their respective resumes. The software system allows students to view a list of companies who have posted for vacancy. The admin has overall rights over the system and can moderate and delete any details not pertaining to college placement rules. The system handles student as well as company data and efficiently displays all this data to respective sides.

The goal of this project is to design and develop to handle the placement cell to fill up requirement of colleges.

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**REQUIREMENT STUDY** INTRODUCTION

Now days we all are using the internet to do multiple things like booking, academic search, blogging, apply for any job, etc. This system can be used as an application to manage student information to related placement. The system handles student as well as company data and efficiently displays all this data to respective sides. This System do all work regarding placement like collecting student records, Authenticate & activate the student profiles, Notifying eligible students via automated E-mail message, Check the number and percentage of placed & unplaced students. Proper login with time & role based secured access is provided to Placement Officer, Company, College staff and students. Students logging should be able to upload their information in the form of a Resume. Placement Officer can access, view information of the users and prepare schedule of all activities regarding placements. Company can give their own application procedure by providing link. College staff can see the registered students and their status. Since the automated system is demanded now-a-days, educational infrastructures like colleges needed their manual system to function on computer system. One of such system which is of major importance is placement automation for campus recruitment. This project is aimed at developing a web application for the Placement Department of the college. This system can be used as an application for the Placement Officer of the college to manage the student information with regards to placement. Students logging should be able to upload their information in the form of a resume.

Module:

1. Home Page

2. Admin Login

3. Student Login

4. Company Login

Software Requirement:-

Visual Studio 2019,

Asp.net we have to integrate,

Sql Server 2014

Hardware Requirement:-

windows 7,windows 8,windows 10

Ram-2gb minimum

Memory-50gb

**PROJECT OBEJECTIVE**

In order to avoid above existing placement problem Beta centauri pvt ltd. planning to design a system for online placement, so that placement activities becomes more interactive, automated and effective. This is the Main Aim Of Our Company.

1. Reduce the paper work and create data base of student.

2. Save time & work load for TPC.

3. Easy to access.

4. Avoid fake Entry.

5. Only eligible students get chance.

6. Improve accuracy in result.

7. User friendly interface.

**SCOPE**

**There will be no need of putting up notice or emailing every student about the company coming in college. The students can keep updated themselves through this software. The company can view all students detail and system can shortlist students according to their criteria instead of doing manually. There is admin login that can view and manage both students and company account and also can put up notifications. Student can register online instead of going to placement department for registration. This system saves time and efforts.**

• At the Home Page end all the schedule/event are available to everyone .That Means Students And Company.

• Company also see the notice in the Home page. Admin handles all the things that mean Which Company Come to Requirement of our college.

• Which branch students need for that company. Also categorised the carrier and non-carrier students. Everything Handle by Admin after knowing the requirement of Company.

• Student First need to Register First when they are admission to the college.

• Automation of Placement Procedure

• No Need to do Paper Work

• To save the environment by using paper free work

• To increase the accuracy and efficiency of placement procedure

• Management of Student Data

• Analysis of overall Placement

Propose Of The Project:-

This project is aimed at developing an online application for the placement department of the college. Once you open this web application at the Home Page end all the schedule/event are available to everyone. The administrator is the master user; He gets the most number of priorities than the other users. The different functions involve the case of an administrator are updating, approval. The administrator can view and approve the various application forms. Students can edit their resume online, and update them constantly. When student fill the information for resume building they doesn’t need or allowed to enter their yearly engineering marks, it will be extracted from result analysis documents of college. Students can very flexibly search for and view company and vacancy details, and apply to vacancies by attaching a resume. Students can access relevant resources placed online for them. They will have access of forum, with which they can post queries, reply queries. The Placement Officer can give an approval to edited information done by the student. In addition, Placement Officer can search the eligible student based the company criteria and can generate the list. Also system can send an automated email to the eligible student. Placement Officer can communicate with the student through the forum module. When Placement Officer first login, they see all the recently changed / created companies and vacancies. Placement Officer can gather information on all students for which they have appropriate permissions. They can see the information provided by the student like personal details, educational details, parent mobile number, extracurricular activity or other information. They put online notices, schedule and events so that the entire user can view this. They can communicate with the Student or Placement Officer through forum. The companies will have to get register for the first time so that their information’s like the URL, the contact information, papers, vacancies will be provide. Companies can edit their own contact information to help keep it current

**Benefits**

* **There will be no need of putting up notice or emailing every student about the company coming in college. The students can keep updated themselves through this software.**
* **The company can view all students detail and system can shortlist students according to their criteria instead of doing manually.**
* **There is admin login that can view and manage both students and company account and also can put up notifications.**
* **Student can register online instead of going to placement department for registration.**
* **This system saves time and efforts.**

**FUNCTIONAL STUDY FUNCTIONAL REQUIREMENT:-**

* **Authentication**
* Login- the Student and company can login to the Placement Cell sites with his/her username and password.
* Logout- The user can log out from the Placement cell Site.
* Login failure- If the user does not exist in the database or the user has not yet being authorized by Placement cell admin People.
* **Authorization**
* User role check- After logging in, the user role will be checked from the database and the user interface will be displayed according to their role.
* **Process Data**
* Home-Students see the details About Admin people and which company will come to the college. What should be the requirement of the Company .which student to be selected in the previous company?
* Admin- Admin people handle the examinations and categorized the students and which students are valid and which of the outside students.

Publish the Result that will handle by admin people. Admin Generate the reports in every Year.

* Student- Student when they admission to college first need to resister the placement cell. Login and check the campus requirement. And also see the results.
* Company-First need to register and the Go to the Details of Students and Communicate to placement Admin People.
* **Recruitment**

Placement admin people Concern to the company and notified to the list what should be the qualification needs.

* **Yearly Report :**
* Every Year Admin should generate the reports and by this way college know the Result and No of students are placed.

**PROGRAM SPECIFICATION**

**Home Page:-**

|  |  |
| --- | --- |
|  |  |
| **Module** | Home Page |
| **Menu Reference** | At the Home Page end all the schedule/event are available to everyone |
| **Dependency on Module** | NA |
| **Inputs** | |
| * User Name * Password | |
| **Validation Required** | |
| * Not Required | |
| **Process** | |
| * Student and Company will see the notification and link to register | |
| **Output** | |
| * Redirect to Login Page * User See The details about College and Academy result of students | |

**Student Registration:-**

|  |  |
| --- | --- |
| **Screen Name** | Home |
| **Module** | Student |
| **Menu Reference** | After Redirect Register The Student handle by Admin |
| **Dependency**  **Module** | NA |
| **Inputs** | |
| * User Name * Password | |
| **Validation Required** | |
| * Username should not blank. * Password should. * Full Name * DOB * Password Should be march * Proper Mail Id * Invalid Username or password. * System locked for three wrong Passwords entered. * Password should expire in 1year * Password has expired ,change the password | |
| **Processes** | |
| * After Registration Student Apply the job * See The Notifications | |
| **Output** | |
| * Redirect to Admin Dashboard | |

**Student Login**

|  |  |
| --- | --- |
| **Module** | Student |
| **Screen Name** | Student Login Page |
| **Dependency on Module** | Login |
| **Inputs** | |
| * User ID * User Name * Mobile * Email Id * User ID * Password | |
| **Validation** | |
| * Username should not blank. * All fields are mandatory (\*) * Could not save data at this time. * User already exist | |
| **Processes** | |
| * Student See the upcoming Company And Able apply The company. | |
| **Output** | |
| * Redirect To Notification Page and see the upcoming Company | |

**Admin Login**

|  |  |
| --- | --- |
| **Module** |  |
| **Screen name** | Admin Login |
| **Dependency on Module** | Na |
| **Module** | Admin |
| **Inputs** | |
| * Admin User id * Pssword | |
| **Validation** | |
| * Username should not blank. * Password Should be match | |
| **Process Logic** | |
| * Admin Categorized Students and also verify Company . | |
| **Output** | |
| * Redirect To Manage all the things in the placement cell. | |

**Company Registration:**

|  |  |
| --- | --- |
| **Module** | Company |
| **Menu Reference** | Na |
| **Dependency on Module** | Registration |
| **Screen Name** | Company Registration |
| **Inputs** | |
| * Company id * Name * Location * Etc | |
| **Validation** | |
| * All fields are mandatory (\*) * Could not save data at this time. * User already exist | |
| **Process Logic** | |
| * Then Able to see the Details about College * And also about students | |
| **Output** | |
| * Redirect to the ;Apply for recruitment in the college | |

Report:

|  |  |
| --- | --- |
| **Module** | Admin |
| **Menu Reference** | Na |
| **Dependency on Module** | Generate Report Year wise |
| **Screen Name** | Report |
| **Inputs** | |
| * How many Student are placed * Which Branch * Percentage of placed | |
| **Validation** | |
| \* Mandatory For All Fields | |
| **Process Logic** | |
| Generate the report Every Year | |
| **Output** | |
| * Report Generated About Student Placed | |

DESIGN DOCUMENT :-

TABLE NAME- tbl\_Admin\_Student

PK- Admin-ID

DESCRIPTION- Admin Master information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | NULL? | KEY | Description |
| Sl\_NO | INT | N |  | Serial No |
| Admin ID | NUMBER | Not null | Pk | User Id |
| Name | VARCHAR(40) | N |  | Name of Admin |
| UserName | VARCHAR(20) | N |  | User Name |
| Password | VARCHAR(20) | N |  | Password |
| Dob | DATETIME | N |  | Date Of Birth |
| DOJ | DATETIME | N |  | Date O Joining |
| Email | VARCHAR(50) | N |  | User Email |
| Sid | Number | N |  | User Address |

TABLE NAME- tbl\_Result

DESCRIPTION- Result of the Student

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data type | Null? | Key | Description |
| Sl\_NO | INT | N |  | Serial No |
| Name |  | N |  | Student Name |
| Branch | VARCHAR(20) | N |  | Branch of student |
| Result | VARCHAR(30) | N |  | Result |
| Company Name | VARCHAR(50) | N |  | Company Name |
| Deadline | Date | N |  | Joining Date |
| Next Round | VARCHAR(20) | N |  | Next round |

TABLE NAME- tbl\_Notice

PK-Notice No

DESCRIPTION- Employee Task Report information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl\_NO | INT | N |  | Serial No |
| Notice No | Number | Not null | Pk | Notice no |
| Title | VARCHAR(20) | N |  | Name of the Notice |
| About | VARCHAR(20) | N |  | Assign By |
| Img | Image | N |  | Image |
| StdDept | VARCHAR(20) | N |  | Branch of students |
| Date | DATE | N |  | Date of Publish |

TABLE NAME- tbl\_StudentsReg

PK- Sid

DESCRIPTION –Student Registration For Placements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| eld Name | Data Type | NULL? | KEY | Description |
| Sid | Number | Not Null | Pk | Student id |
| UserName | Varchar(10) | Set Not Null |  | User Name |
| Password | Varchar(15) | Set not Null |  | Password |
| FullName | VARCHAR(20) | N |  | Name of The Student |
| Branch Name | VARCHAR(20) | N |  | Leave Name |
| Gender | Varchar(10) | N |  | Male or Female |
| Qualifiacation | VARCHAR(20) | N |  | Details |
| 10th | Number | N |  | Percentage |
| 12th | Number | N |  | Percentage |
| Graduation | Number | N |  | Percentage |
| PG | Number | N |  | Resume |
| STATUS | VARCHAR(20) | N |  | Student Action |
| Admin Id | Number | Not Null | Fk | Admin Id |

TABLE NAME- tbl\_StudentDetails

DESCRIPTION- After Registration Company See the details of Students branch wise

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | DataType | Null? | Key | Description |
| Sid | Number | Notnull | Pk | Student Id |
| Student Name | VARCHAR(20) | N |  | Name |
| Qualification | VARCHAR(20) | N |  | Qualification |
| Resume | VARCHAR(20) | N |  | Resume |
| Gender | DATETIME | N |  | Male or female |
| Branch | DATETIME | N |  | Branch |
| company ID | VARCHAR(20) | N | Fk | Company id |

TABLE NAME- tblCompany\_Reg

PK- Company ID

DESCRIPTION- Company Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | NULL? | KEY | Description |
| Company Id | INT | Not Null | Pk | Serial No |
| Name Of Company | VARCHAR(50) | N |  | Name Of The Company |
| Established | VARCHAR(20) | N |  | Department Name |
| Location | VARCHAR(20) | N |  | HOD |
| MOBILE | TinyInt | N |  | Mobile |
| EMAIL | Varchar(25) | N |  | Email |
| No Of Vacancy | number | N |  | Vacancy in the company |
| Sid | number |  | Fk | Student Id |

TABLE NAME- tblReport

DESCRIPTION- Event\_ information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | NULL? | KEY | Description |
| Report Id: | INT | N | Pk | Serial No |
| Name of The Report: | VARCHAR(20) | N |  |  |
| No of Student Placed yearly: | Number | N |  | Placed Student |
| Year: | Number | N |  | Year |
| Branch | Varchar(15) | N |  | Which Branch |
| Admin Id | Number |  | Fk | Admin Id |