

# **CAMPUS RECRUITMENT SYSTEM**



**BETA CENTAURI PRIVATE LIMITED, Bhubaneswar**

**Assigned by:-**

**Ashwini sir**

**Submitted by:-**

**MP Anshuman**

## **DECLARATION**

I hereby declare that the assignment entitled “Campus Recruitment System” submitted for daily review is my original work and the assignment has not formed the basis for the award of any other degree, diploma, and fellowship.

Place: Bhubaneswar

MP Anshuman

Date-29 august 2020

**Signature**

## **CERTIFICATE**

This is to certify that the assignment titled “Campus Recruitment System” is the bonafide work carried out by MP Anshuman is the intern of BETA CENTAURI PVT.LTD, BHUBANESWAR during the year 2020-21, and assignment has not formed the basis for the award previously of any other degree, diploma, and fellowship.

Ashwini sir

Assigned by

**(Assignment  
guide)**

## **ACKNOWLEDGEMENT**

I am pleased to acknowledge Ashwini sir for their invaluable guidance during the assignment work. I am also grateful to other interns of the company who co-operated with me regarding some issues.

MP Anshuman

## **ABSTRACT**

The project is aimed at developing an application for the “Campus Recruitment System” of the college. The system is an application that can be accessed and effectively used throughout the organization with proper login enabled. This system can be used as an application for the Placement Officers in the college to manage the student information and recruiter with regard to placement. Student logging should be able to upload their personal and educational information in the form of a resume. The key feature of this project is that it is one time registration enabled. Our project provides the facility of maintaining the details of the students. It reduces the manual work and consumes less paper work to reduce the time. This project is developed with PHP for frontend and MYSQL for backend.

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# DESIGN DOCUMENT

Table- Student\_Registration  
Primary key- Registration\_no  
Description – Student details

Field name	Data type	Null?	Key	Description
Name	Varchar(128)	N		Name of the student
Registration _no.	Varchar(20)	N	pk	Bput register no
Roll_no.	Varchar(20)	N		College roll no
Branch	Varchar(20)	N		Branch
Course	Varchar(20)	N		Course
Phone_Number	INT	N		Phn_number
Address	Varchar(128)	N		Present location
B.Tech(cgpa)	Decimal(10,2)	N		Cgpa till current semester
10th mark	Decimal(10,2)	N		Percentage of 10 <sup>th</sup>
12 <sup>th</sup> mark	Decimal(10,2)	N		Percentage of 12 <sup>th</sup>
Batch	INT	N		Current Batch
Email	Varchar(50)	N		Email Address
Pass_Year(10th)	INT	N		10 <sup>th</sup> passout year
Pass_Year(12th)	INT	N		12 <sup>th</sup> passout year
No.backlogs	INT	N		Number of backlog



Adharcard	BLOB	N		Adharcard
10 <sup>th</sup> marksheet	BLOB	N		10 <sup>th</sup> marksheet
12 <sup>th</sup> marksheet	BLOB	N		12 <sup>th</sup> marksheet
B.Tech marksheet	BLOB	N		B.Tech marksheet
Resume	BLOB	N		Resume
Image	BLOB	N		Student's image

Table- Recruiter\_Registration  
Primary key- Registration\_no  
Description – Recruiter details

Field name	Data type	Null?	key	Description
Company_Name	Varchar(50)	N		Company serial no.
Recruiter_Name	Varchar(20)	N		Recruiter name
Phn_Number	INT	N		Company contact no.
Email	Varchar(50)	N	pk	Email address
Package	Decimal(10, 2)	N		CTC
Address	Varchar(128)	N		Location of drive on campus or off campus
NO.Rounds	INT	N		NO.Rounds
Documents	BLOB	N		Document about the company and details about the recruitment
10 <sup>th</sup> mark	Decimal(10, 2)	N		Eligibility mark
12 <sup>th</sup> mark	Decimal(10, 2)	N		Eligibility mark
B.Tech(CGPA)	Decimal(10, 2)	N		Eligibility CGPA
Course	Varchar(20)	N		Eligible Course
Batch	INT	N		Eligible Batch

Table- Recruitment\_Progress

Primary Key- Registration\_no

Description – Progress of recruitment

Field name	Data type	Null?	Key	Description
No.Rounds	INT	N		Number of round
NO.Students	INT	N		Number of student selected
Registration_no	Varchar(20)	N	pk	Student registration number

Table- Student\_Details\_placement

Primary key- Registration\_no

Description – Details about placement status of student

Field name	Data type	Null?	Key	Description
Company_Name	Varchar(20)	N		Company serial no.
Registration_no.	Varchar(20)	N	pk	Bput Registration no. of the placed students
Placed(status)	Varchar(20)	N		Name of the placed students

Table- Recruiter \_Details\_placement

Primary key- Email

Description – Details about placement status of recruitment and shedule

Field name	Data type	Null?	Key	Description
Shedule_Date	Date	N		Sheduled date for recruitment
Email	Varchar(20)	N	pk	Email address of the recruiter/comp any
Progress(status)	Varchar(20)	N		Progress of the recruitment

Table- Student\_accontCreation

Primary key- Email

Description – Creating account for student to access registration page

Field name	Data type	Null?	Key	Description
Email	Varchar(20)	N	pk	Email address of the Student
Password	Varchar(20)	N		Password

# **PROGRAM SPECIFICATION**

## Admin/Placement Cell login

<b>Screen Name</b>	Login_Details
<b>Module</b>	Placement_Cell_Login
<b>Menu Reference</b>	Login
<b>Dependency on Module</b>	NA
<b>INPUTS</b>	
<ul style="list-style-type: none"><li>• USERNAME</li><li>• PASSWORD</li></ul>	
<b>VALIDATIONS</b>	
<ul style="list-style-type: none"><li>• Username and password should not blank.</li><li>• Invalid username or password.</li><li>• Forgot password</li></ul>	
<b>Process Logic</b>	
<b>Output</b>	
<ul style="list-style-type: none"><li>• Redirect to Details Page</li></ul>	



## Recruiter\_Registration\_PlacementCell

<b>Module</b>	Employer_Table
<b>Menu Reference</b>	Employer_Table
<b>Dependency on Module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Email</li><li>• Scheduled Date</li><li>• Progress(status)</li></ul>	
<b>Validation</b>	
<ul style="list-style-type: none"><li>• All fields are required (*).</li><li>• Invalid Email.</li><li>• User already exists.</li></ul>	
<b>Process Logic</b>	
<b>Output</b>	
<ul style="list-style-type: none"><li>• <b>Data saved successfully.</b></li><li>• <b>Redirect to Details page.</b></li></ul>	

## Student\_Registration\_PlacementCell

<b>Module</b>	Student_Table
<b>Menu Reference</b>	Student_Table
<b>Dependency on Module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Registration number</li><li>• Placed(status)</li><li>• Company Name</li></ul>	
<b>Validation</b>	
<ul style="list-style-type: none"><li>• All fields are required (*).</li><li>• Invalid Company Name.</li><li>• User already exists.</li></ul>	
<b>Process Logic</b>	
<b>Output</b>	
<ul style="list-style-type: none"><li>• <b>Data saved successfully.</b></li><li>• <b>Redirect to Details page.</b></li></ul>	

## Recruitment Progress

<b>Module</b>	Recruitment_Progress
<b>Menu Reference</b>	Recruitment Progress
<b>Dependency on Module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Registration number</li><li>• No of student</li><li>• Round number</li></ul>	
<b>Validation</b>	
<ul style="list-style-type: none"><li>• All fields are required (*).</li><li>• Student already added.</li></ul>	
<b>Process Logic</b>	
<b>Output</b>	
<ul style="list-style-type: none"><li>• Data saved successfully.</li><li>• Redirect to Details page.</li></ul>	

## Recruiter Registration

<b>Module</b>	Employer_Registration
<b>Menu Reference</b>	Recruiter_Registration
<b>Dependency on Module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Recruiter Name</li><li>• Company name</li><li>• Phone number</li><li>• CTC</li><li>• Email</li><li>• Address</li><li>• Document</li><li>• Number of rounds</li><li>• Course</li><li>• Batch</li><li>• Eligible 10<sup>th</sup> mark</li><li>• Eligible 12<sup>th</sup> mark</li><li>• Eligible cgpa</li></ul>	
<b>Validation</b>	
<ul style="list-style-type: none"><li>• All fields are required (*).</li><li>• Invalid phone number.</li><li>• Invalid Recruiter Name.</li><li>• Invalid Recruiter Name.</li><li>• Invalid CTC.</li><li>• Invalid Email.</li><li>• Document format not supported.</li><li>• 10<sup>th</sup> and 12<sup>th</sup> mark should be more than 33%.</li><li>• Cgpa should be more than 5.</li><li>• User already exists.</li></ul>	

Process Logic
Output
<ul style="list-style-type: none"><li>• Data saved successfully.</li><li>• Redirect to Recruitment page.</li></ul>

## Recruiter Login

<b>Module</b>	Employer_Login
<b>Menu Reference</b>	Recruiter_Login
<b>Dependency on Module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Username</li><li>• Password</li></ul>	
<b>Validation</b>	
<ul style="list-style-type: none"><li>• All fields are required (*).</li><li>• Invalid Username or Password.</li><li>• Forgot password</li></ul>	
<b>Process Logic</b>	
<b>Output</b>	
<ul style="list-style-type: none"><li>• Redirect to Recruitment page</li></ul>	

## Student Registration

<b>Module</b>	Student_Registration
<b>Menu Reference</b>	Student_Registration
<b>Dependency on Module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Name</li><li>• Batch</li><li>• Email</li><li>• Registration no.</li><li>• College Roll no.</li><li>• Branch</li><li>• Course</li><li>• Cgpa(till current semester)</li><li>• Phone number</li><li>• Current sem</li><li>• Pass year(10th)</li><li>• Pass year(12th)</li><li>• Image</li><li>• 10<sup>th</sup> results</li><li>• 12<sup>th</sup> results</li><li>• Marksheet pdf</li><li>• Adharcard pdf</li><li>• Any other certificate</li><li>• No of backlog</li></ul>	
<b>Validation</b>	
<ul style="list-style-type: none"><li>• Fields with (*) are required.</li><li>• Invalid Email.</li><li>• Invalid Phone number.</li><li>• Documents format not supported.</li><li>• Image format not supported</li><li>• 10<sup>th</sup> and 12<sup>th</sup> mark should be more than 33%.</li><li>• CGPA should be more than 5.0</li></ul>	

### Process Logic

### Output

- **Data saves successful.**
  - **Redirected to student login page.**
-



## Student Login

<b>Module</b>	Student
<b>Menu Reference</b>	Login
<b>Dependency on module</b>	NA
<b>Inputs</b>	
<ul style="list-style-type: none"><li>• Username (Email.)</li><li>• Password</li></ul>	
<b>Validations</b>	
<ul style="list-style-type: none"><li>• All fields are required (*).</li><li>• Forgot password.</li><li>• Invalid Username or Password</li></ul>	
<b>Process Logic</b>	
<b>Output</b>	
<ul style="list-style-type: none"><li>• Redirected to student dashboard.</li></ul>	

# **REQUIREMENT STUDY**

## INTRODUCTION

The purpose of the project “CAMPUS RECRUITMENT SYSTEM”, the manual work makes the process slow and other problems such as inconsistency and ambiguity on operations. In order to avoid this web based placement managed system is proposed, where the student information in the college with regard to placement is managed efficiently. It intends to help fast in fast access procedures in placement related activities and ensures to maintain the details of the student. Students and Recruiter logging in should be able to upload their personal and educational information. The key feature of this project is that it is one time registration enabled. The Recruiter can contact the Placement Cell for fixing recruitment date and can register in the the system with the required data for recruitment. The placement cell allows the companies to view the student resumes in selective manner. They can filter the students profile as per their requirement. The job details of the placed students will be provided by the administrator. The administrator plays an important role in our project. Our project provides the facility of maintaining the details of the students and gets the requested list of candidates for the company who would like to recruit the students based on given query.

## **OBJECTIVE**

The aim of the proposed system is to develop a system with improved facilities. The proposed system can overcome all the limitation of the existing system, such as student's information is maintained in the database, it gives more security to data, ensures data accuracy, reduces paper work and save time, only eligible students get chance, it makes information flow efficient and paves way for easy report generation, reduce the space. Proposed system is cost effective.

## **SCOPE AND APPLICABILITY**

The Scope of this project is limited to the following:

- **Student Profile:**

Student can login and register all the required information as well as he can update those information if required.

- **Employer Profile:**

Employer can register all the required information after getting the credentials from placement cell and also can update the progress of the recruitment.

- **Placement cell Profile:**

Placement cell can get or update data of the students and recruiter after getting credentials from admin.

- **Placement Details:**

Everyone can check placement details about the student or company.

**Applicability:** This project “Campus Recruitment System “is applicable for the companies and colleges.

## **BENEFITS**

- Track campus placement process
- Improve student placement & retention
- Streamline placement tasks & save time
- Schedule Interview and responsibility details
- Administrative control over students and companies
- Identify companies that match student's expectations
- Automation: The application automatically notifies about upcoming companies
- Record list of student place with respective job designation in a particular academic year
- Time-Saving: Reduces manual human effort
- Cloud-based: Store all data forever
- Easy-to-use: Management doesn't require any training to manage companies coming for campus placement
- Highly Secure and Reliable

# **FUNCTIONAL STUDY**

## **FUNCTIONAL REQUIREMENT**

- **Authentication**

- Registration- The student and Employer needs to fill all their required details for placement drive in the campus
- Registration failure – if the student or Employer already exists or if any required details in the form not filled. they will not authorized.
- Login- The student and Employer can login to the CRS system with his/her username and password.
- Logout- The student and HR can log out from the CRS system.
- Login failure- If the user and Employer do not exist in the database or the user has not yet being authorized by the CRS admin.

- **Authorization**

- Student role check- After logging in, the student role will be checked from the database and the student interface will be displayed according to their role.
- Company role check- after logging in, their company dashboard and details interface will displayed according to the company.

- **Process Data**

- Display- Student with defined roles can display the content of their details and upload external files. Being more specific, Employer can only view their company information. Admin can not only maintain company information as well as student details.



- Edit- A student Edit his/her details and information. Employer can only company information that is under his/her coverage. Admin can edit all information related to all like student details and company details including their user role type.
- Search- Admin role can search the content of database from the student tables and company tables. Admin role can search all the students' details information in the database. Search feature works on specific keywords showing students characteristics, mark sheet, branch, and name etc. For example, admin wants to find student details whose registration no. is 1601227390.
- Update authentication- This feature can be used only by admin role type. Admin can update the role type of a specific user. For example, a student got placed or any company placement drive got cancelled, so admin needs to update the details on their server. Admin will be able to update this authentication mechanism.

- **Recruitment**

- Add new company- Employer role type is able to add their company details to the portal. The new company will have all the required information. The new created account will have an id.
- Add student- Each final students has to put their required details on given portal for placement drive.

## **EXTERNAL REQUIREMENTS**

- **HARDWARE REQUIREMENT:**
  - Processor Intel dual core and above
  - Operating system – windows 7, windows 8 , windows10
  - Internet connection – Lan, WI-FI etc
- **SOFTWARE REQUIREMENT:**
  - Browser – Chrome,firefox,Edge etc

