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## **INTRODUCTION OF PROJECT**

The Online Campus Selection System developed for Human Resource (HR) Department with including functioning of Human Resource Department. This system is helpful for Human Resource (HR) Department to make easy student selection process. We can say this system similar to Human Resource (HR) Management System.

The online campus selection system (OCSS) work at college or university. The College invited to company for register in this system and help to get students easily as per their qualification and requirements. Other hand college has all the student data submitted in this system so that student can get easily job. The system is a mutual place for both student and company. The online campus selection system helps student to get job and company to get employee.

## **DESCRIPTION OF SYSTEM**

We can use Campus Selection system for University and any Companies. It is developed for smooth working of HR Department. Universities and companies can get benefited through this system. This Website is fully integrated with Student and Company Relationship Management and developed in a manner that is easily manageable, time and cost saving that shows relieving one from manual works. Online Campus Selection provides automated technical screening, intellectual evaluation, electronic mail integration to conduct recruitment. This feature's helps in many ways like saving cost, time and paper work, this shows the paperless environment, unlimited Custom and reports.

## **OBJECTIVE OF THE PROPOSED SYSTEM**

Development of rich web based Campus Selection System for Universities and any Companies. Online Campus Selection System is developed for smooth working of Human Resource Departments. Universities and companies can get benefited through this system. This Website is fully integrated with Student and Company Relationship Management and developed in a manner that is easily manageable, time and cost saving that shows relieving one from manual works. Online Campus Selection provides automated technical screening, intellectual evaluation, electronic mail integration to conduct recruitment. This feature's helps in many ways like saving cost, time and paper work, this shows the paperless environment, unlimited Custom and reports.

## **ADVANTAGES OF PROPOSED SYSTEM**

1. Reliability
2. Reduce Paper Work
3. Timely & Quick Information
4. Usability
5. Secure

## SYSTEM REQUIREMENTS

### HARDWARE

- **Processor**: Intel(R) Dual Core Processor
- **System Architecture**: 32 Bit / 64 Bit
- **Keyboard**: Standard PS-2 / USB Keyboard
- **Mouse**: Standard PS-2 / USB Mouse
- **RAM**: Minimum 4 GB
- **HDD Space**: 60 GB

### SOFTWARE

- **Operation System**: Windows XP/7/8/10
- **PHP**
- **MySQL**

## **MODULES**

### **1)Dashboard:**

Show all jobs and an option to apply.

- Filter jobs based on job title search.
- Filter jobs based on degree/graduation.
- Filter jobs based on industry.

### **2)Company Module:**

- New companies can register into the system.
- Create new posts, view a post, modify or delete a post.
- View Applicants details.
- Download the Applicants resume.
- Accept or reject and application.

### **3)Student Module:**

- Students Can Register into the system, Upload resume.
- Apply for a job.
- View applied job status.

### **4)About Us**

### **5)Contact Us**

## **SYSTEM DESIGN DETAILS**

### **METHODOLOGY**

#### **SPIRAL MODEL**

The spiral model is similar to the incremental model, with more emphasis placed on risk analysis.

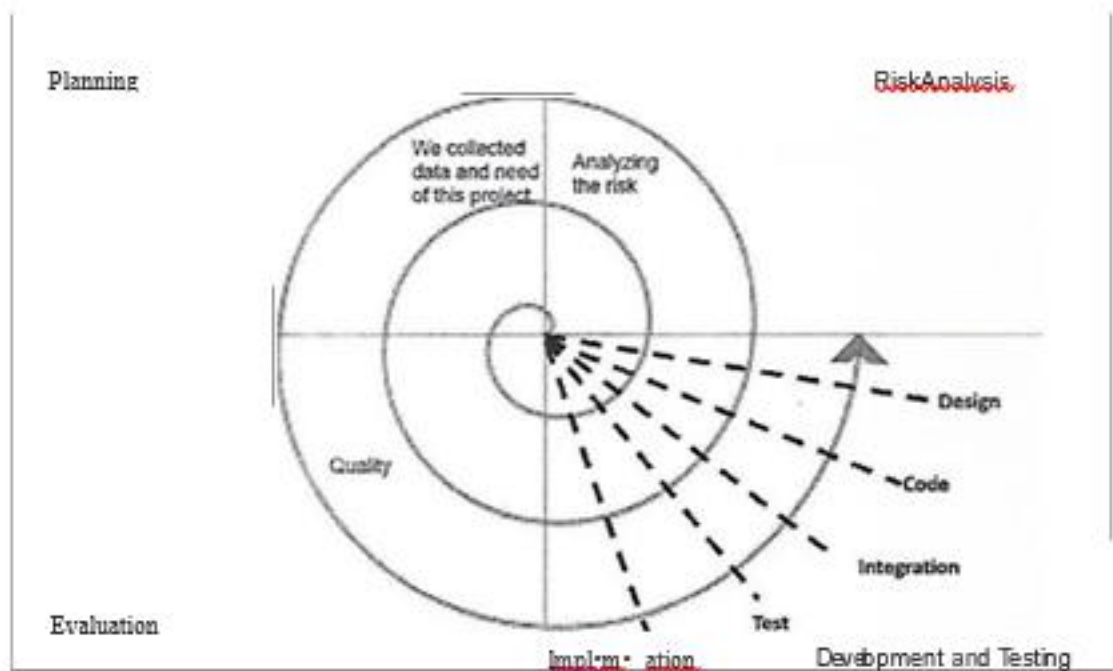
The spiral model has four phases: Planning , Risk Analysis, Engineering and Evaluation.

A Web Based project repeatedly passes through these phases in iterations (called Spirals in this model).

The baseline spiral, starting in the planning phase, requirements are gathered and risk is assessed.

Each subsequent spiral builds on the baseline spiral.

#### **Diagram of Spiral Model**



### **Planning Phase**

Necessary Needs / Requirements were collected for making this project were done this initial stage called Planning Phase. SRS that is “Software Requirement Specification” is used.

### **Risk Analysis**

In this phase while building the project a process is undertaken to find out the possible risks that can be faced a prototype is made and tested to find out any risk factors and if risk is detected what can be its alternate solutions to be implemented.

### **Engineering Phase**

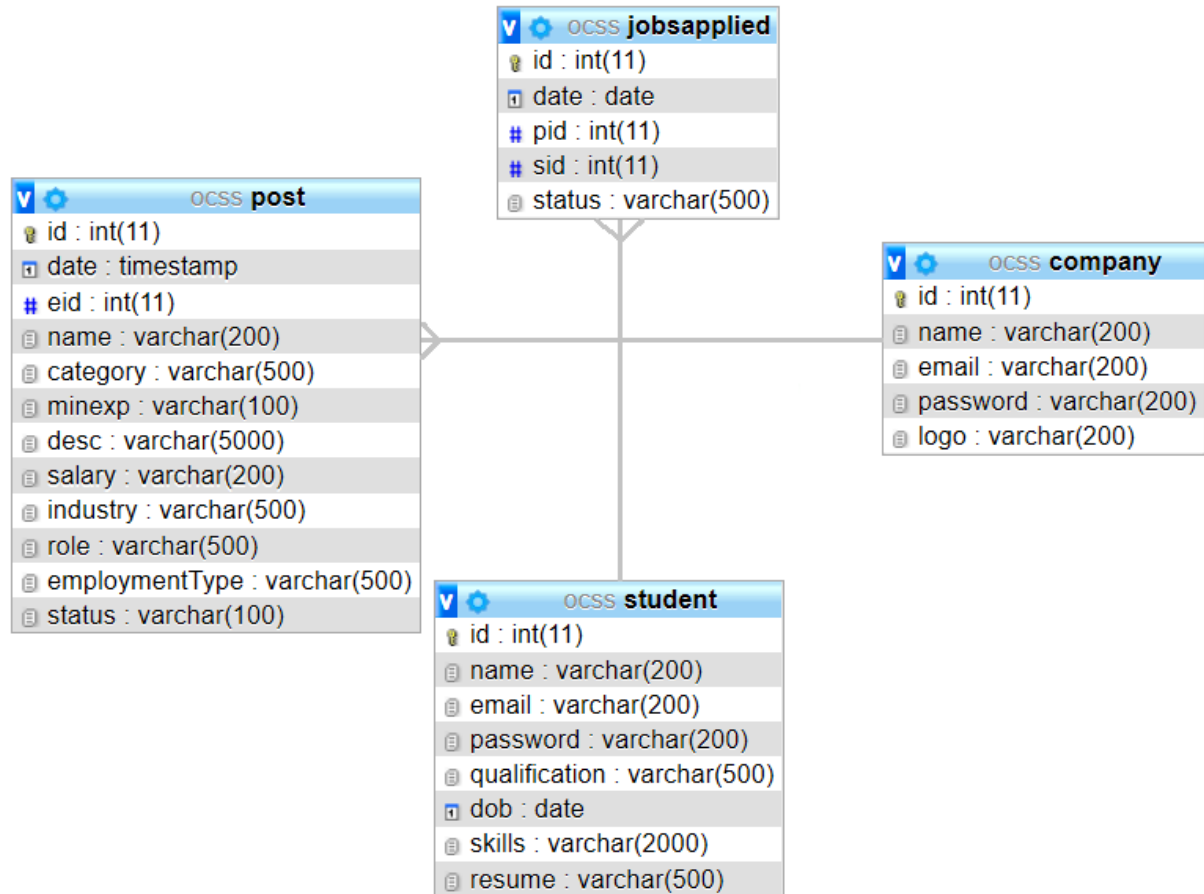
In This phase Website is built completely along with all possible testing over the built Website. Hence Website is developed and tested.

### **Evaluation phase**

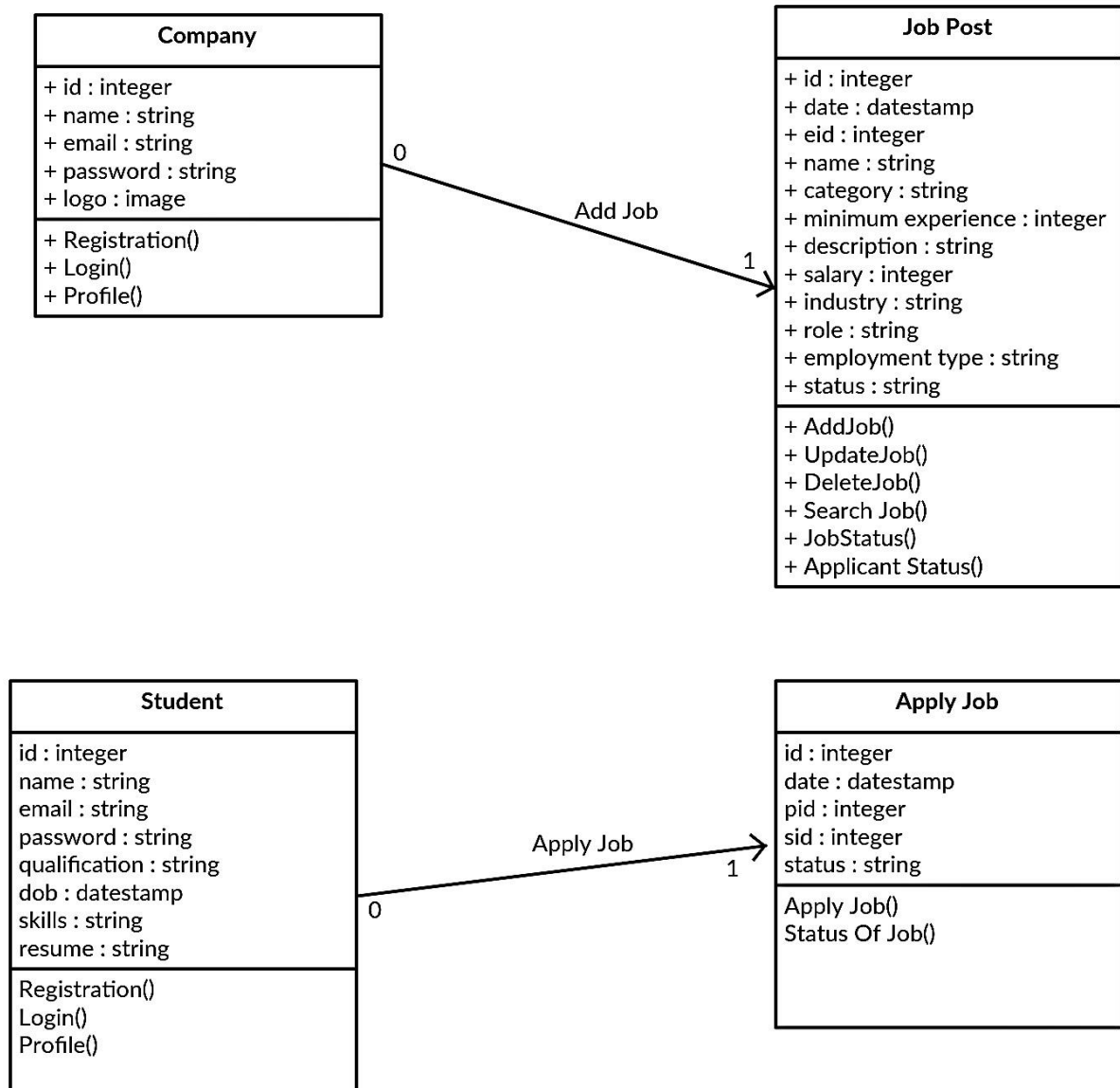


This is the final phase which allows the customer to test the project / Website that has been developed till date before moving towards the next spiral.

## ENTITY RELATIONSHIP (ER) DIAGRAM



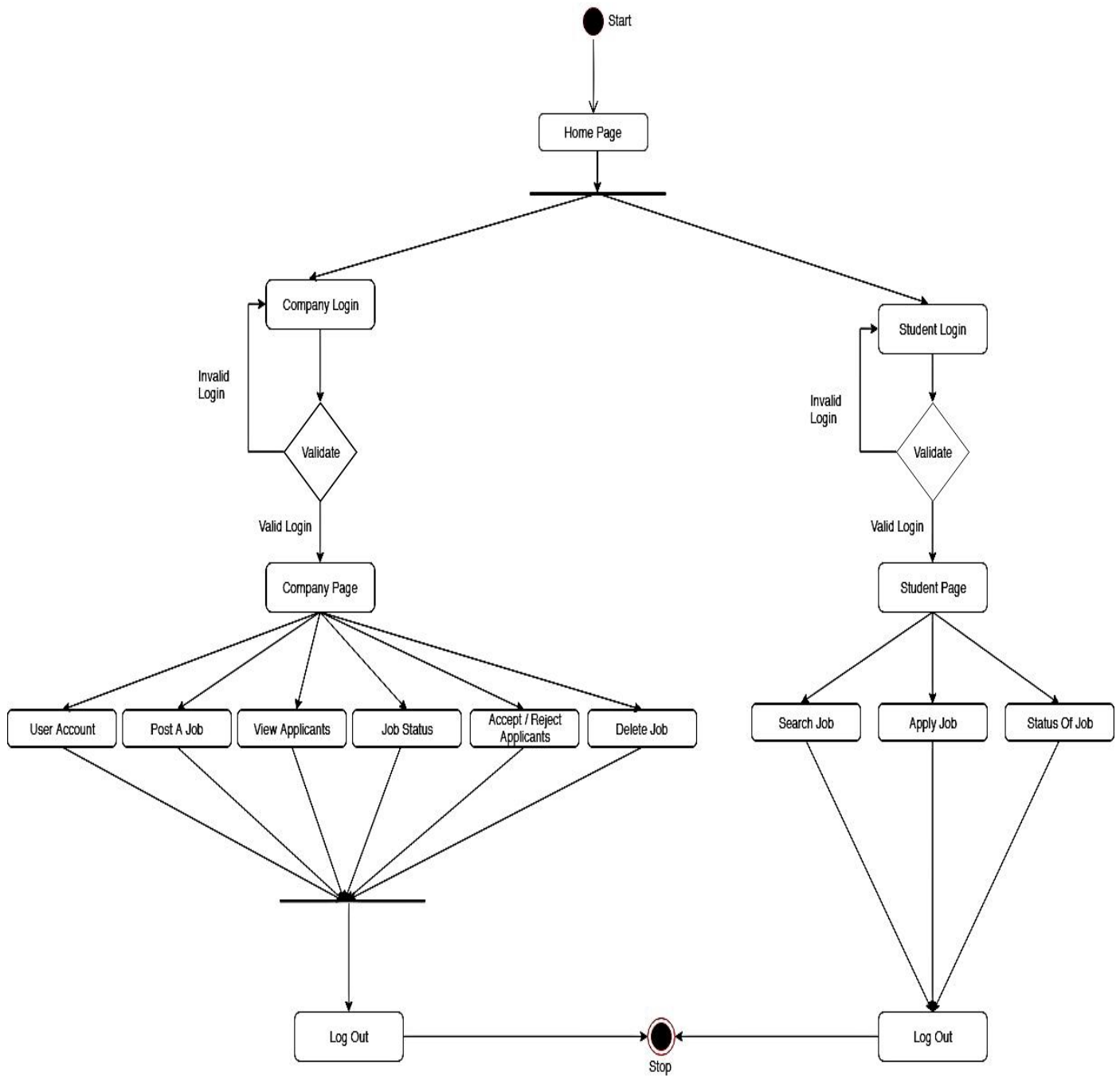
## CLASS DIAGRAM



## USE CASE DIAGRAM

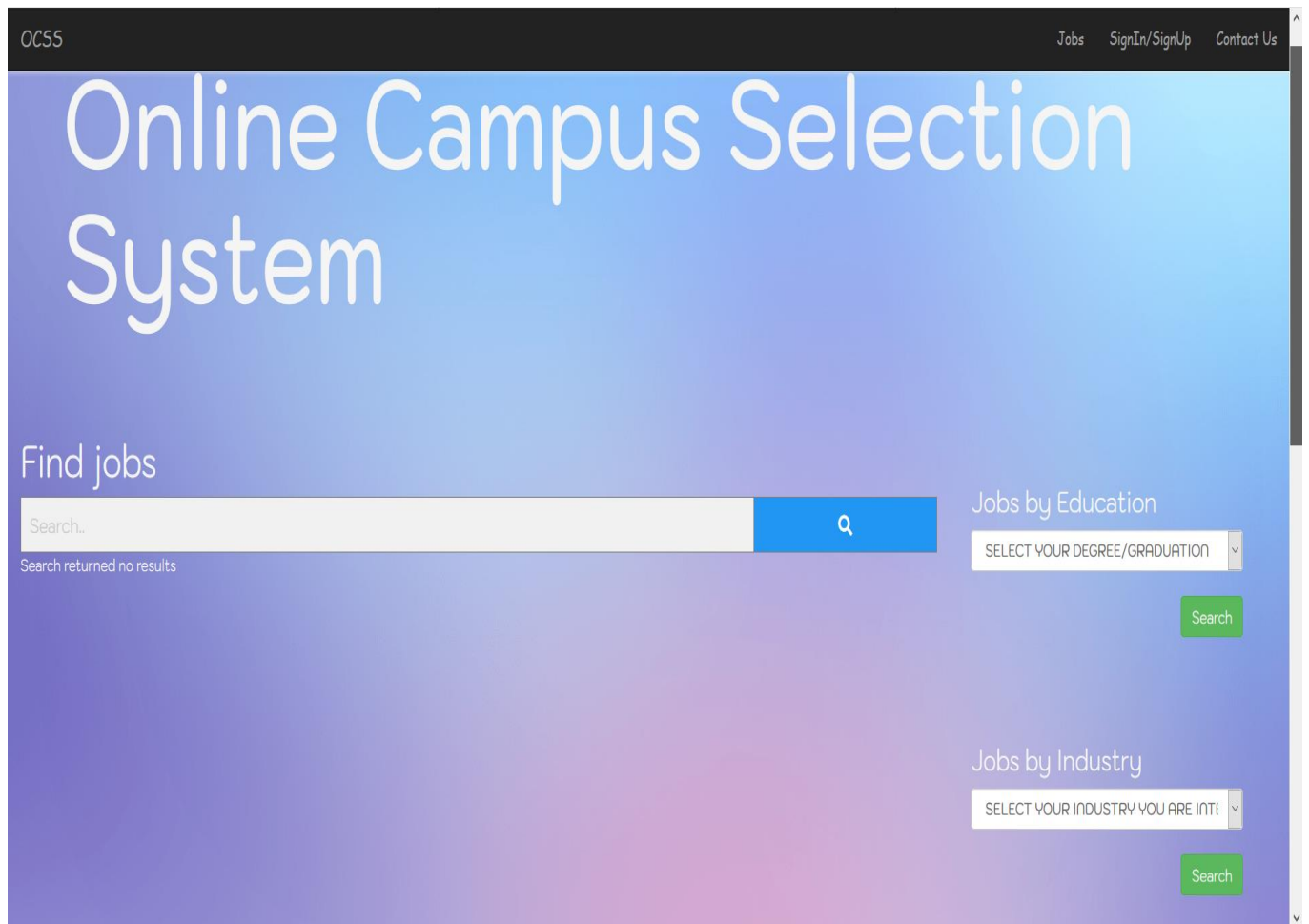


# ACTIVITY DIAGRAM



## SCREENSHOTS

### HOMEPAGE



## SIGN IN PAGE

SignIn

E-mail

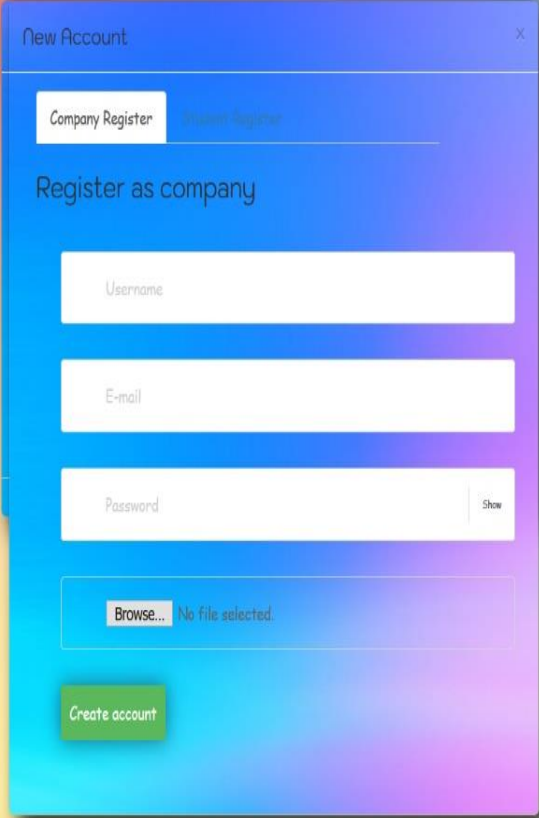
Password

Show

Login

Register Now

## COMPANY REGISTER



The image shows a 'New Account' dialog box with a blue header and a blue-to-purple gradient background. It features a close button (X) in the top right corner. Below the header, there are two tabs: 'Company Register' (active) and 'Personal Register'. The main heading is 'Register as company'. The form contains four input fields: 'Username', 'E-mail', and 'Password' (with a 'Show' toggle). Below these is a file upload section with a 'Browse...' button and the text 'No file selected.'. At the bottom is a green 'Create account' button.

New Account

Company Register Personal Register

Register as company

Username

E-mail

Password Show

Browse... No file selected.

Create account



## STUDENT REGISTER

The screenshot displays a web interface for a 'Student Register' form. At the top, there are two tabs: 'Company Register' and 'Student Register', with the latter being the active tab. Below the tabs, the heading 'Register as student' is visible. The form consists of several input fields: 'Username', 'E-mail', 'Password' (with a 'Show' toggle), 'Qualification', 'Date of Birth' (with a placeholder 'dd / mm / yyyy'), and 'skills'. Below these fields is a file upload section with a 'Browse...' button and the text 'No file selected.'. At the bottom of the form is a green 'Create account' button. The background of the form area features a colorful gradient from orange to blue.

Company Register Student Register

Register as student

Username

E-mail

Password Show

Qualification

Date of Birth

dd / mm / yyyy

skills

Browse... No file selected.

Create account

## **AFTER COMPANY REGISTRATION**

Company has been registered.. Login to continue using our services

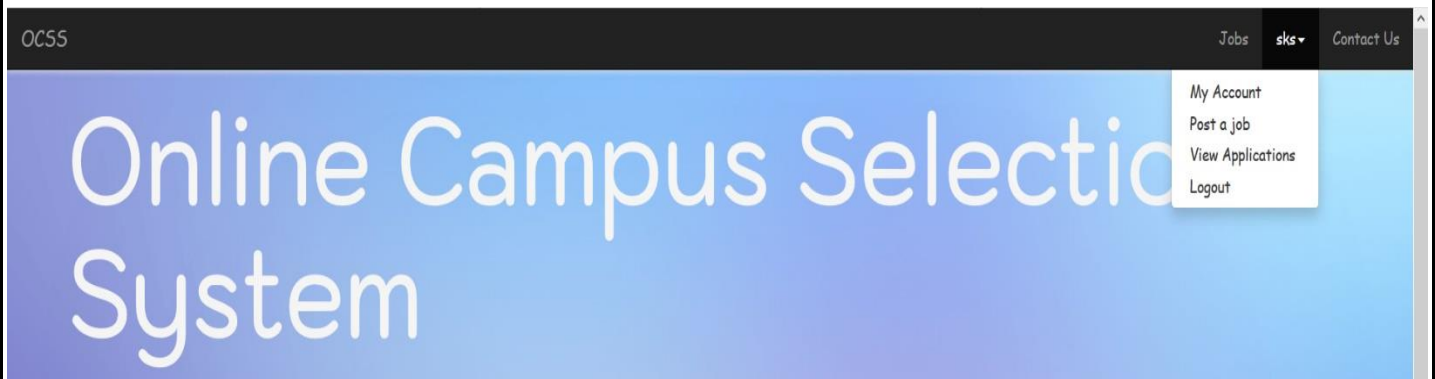
[Login](#)

## **AFTER STUDENT REGISTRATION**

Thanks for Registering with us.. Login to continue using our services

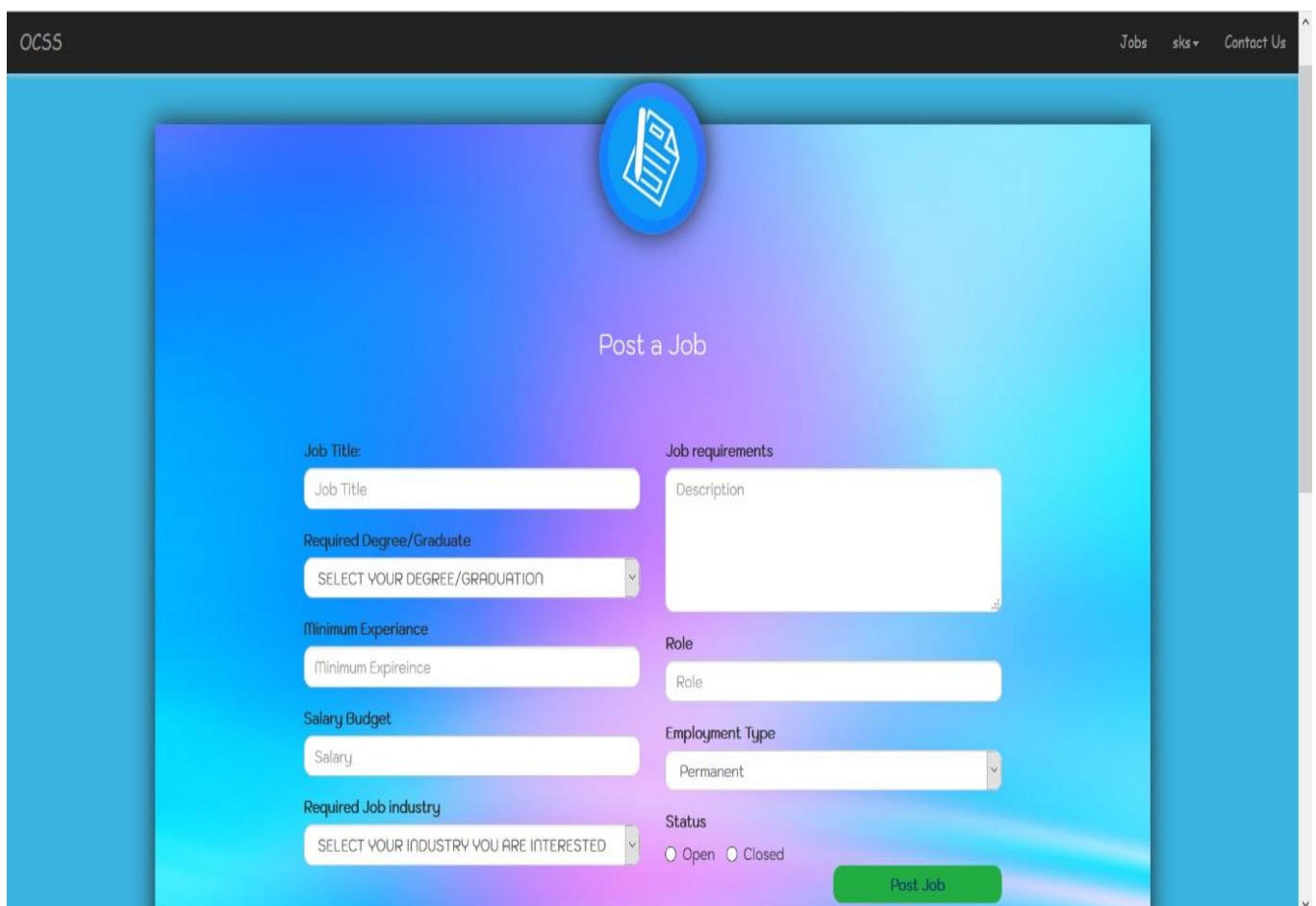
[Login](#)

## COMPANY MENU



The screenshot shows the top navigation bar of the OCSS website. The logo 'OCSS' is on the left. The navigation menu includes 'Jobs', 'sks', and 'Contact Us'. A dropdown menu is open under 'sks', showing options: 'My Account', 'Post a job', 'View Applications', and 'Logout'. The main header area has a blue gradient background with the text 'Online Campus Selection System' in large white font.

## POST A JOB

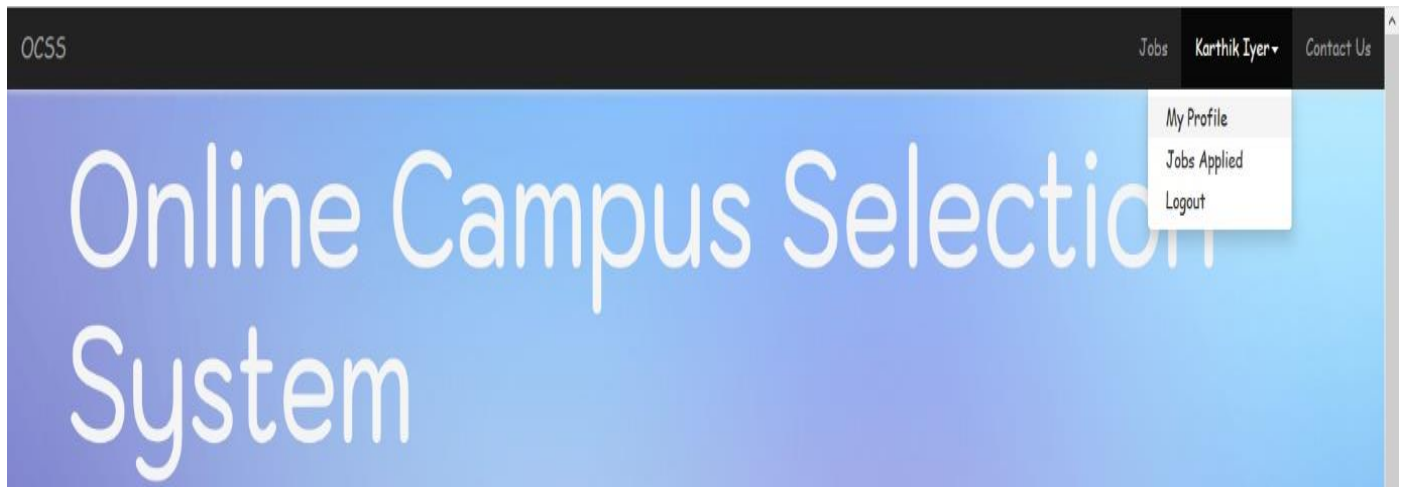


The screenshot shows the 'Post a Job' form on the OCSS website. The form is set against a blue gradient background with a document icon at the top. The title 'Post a Job' is centered. The form fields are organized into two columns:

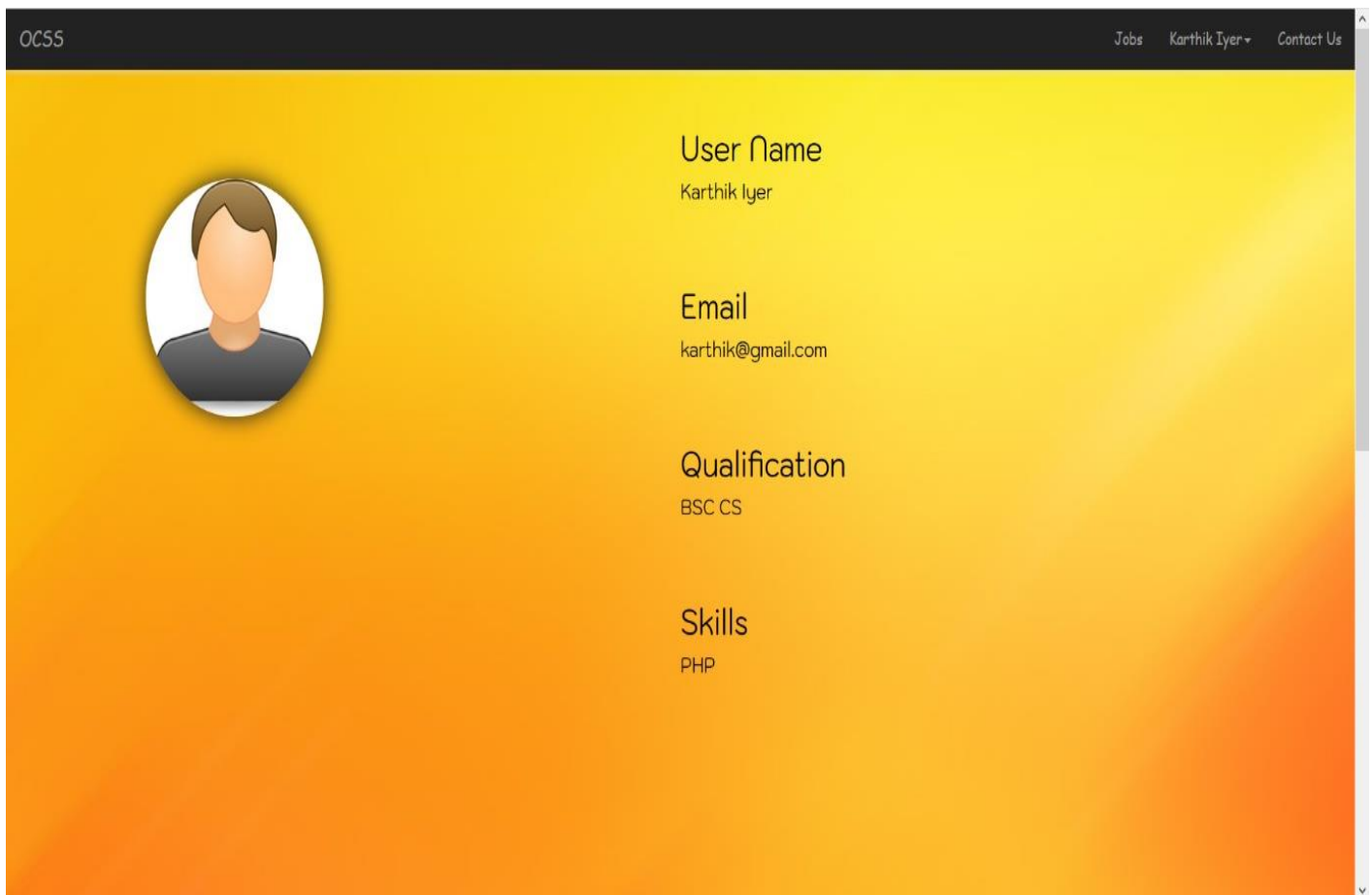
- Left Column:**
  - Job Title:** Text input field.
  - Required Degree/Graduate:** Dropdown menu with the selected option 'SELECT YOUR DEGREE/GRADUATION'.
  - Minimum Experience:** Text input field.
  - Salary Budget:** Text input field.
  - Required Job industry:** Dropdown menu with the selected option 'SELECT YOUR INDUSTRY YOU ARE INTERESTED'.
- Right Column:**
  - Job requirements:** Large text area for 'Description'.
  - Role:** Text input field.
  - Employment Type:** Dropdown menu with the selected option 'Permanent'.
  - Status:** Radio buttons for 'Open' and 'Closed'.

A green 'Post Job' button is located at the bottom right of the form.

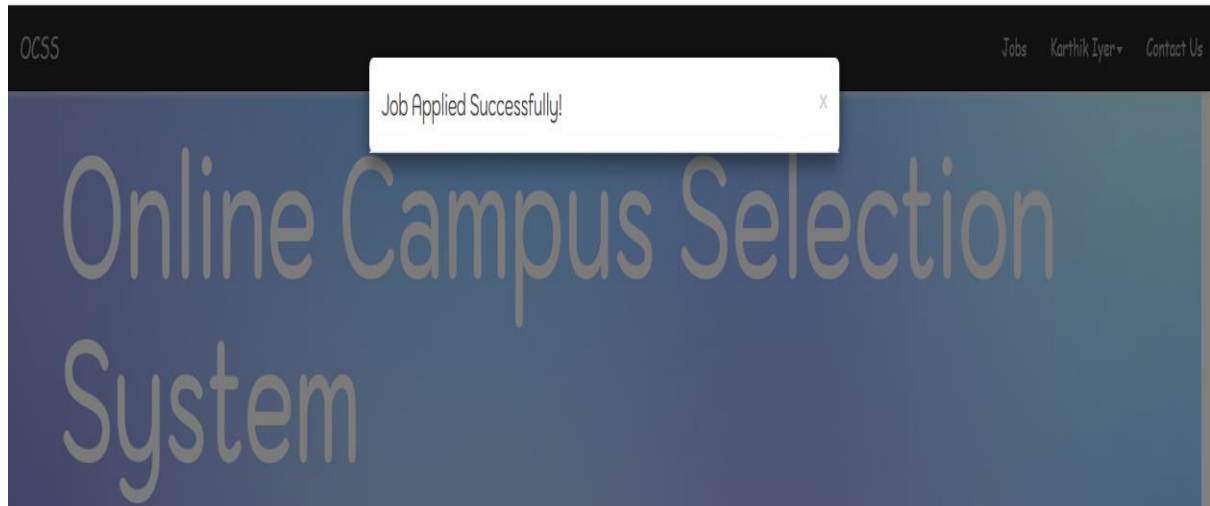
## STUDENT MENU



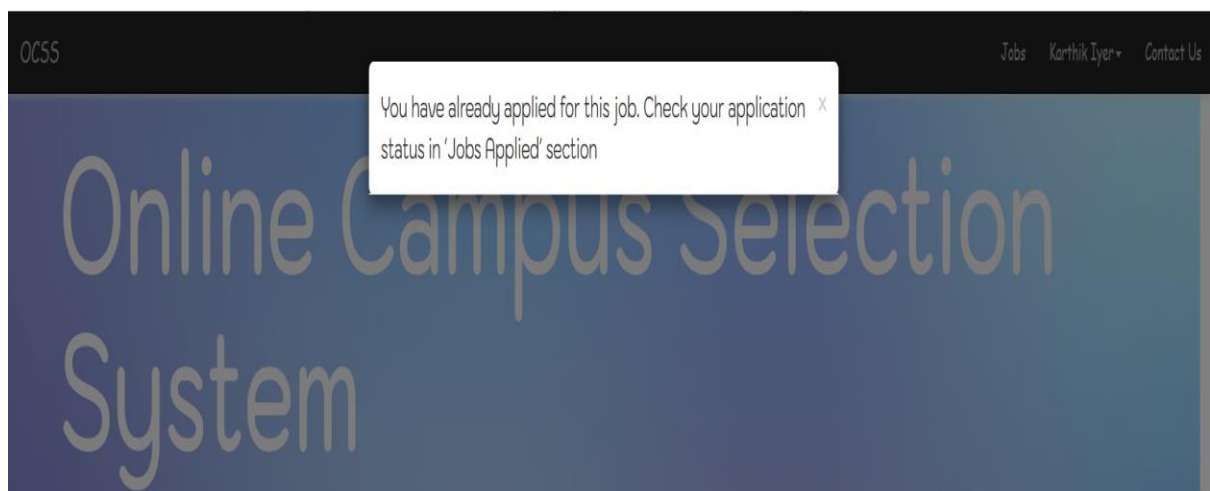
## STUDENT PROFILE



## JOB APPLIED SUCCESSFULLY



## JOB ALREADY APPLIED



## JOBS APPLIED BY STUDENT

OCSS

JobsKarthik IyerContact Us

Karthik Iyer

Email

karthik@gmail.com

Jobs Applied by you:

Show 10 entries

Search:

Post Id	Company Name	Job Title	Date Applied	Min Experience	Salary	Job Description	Status
3	sks	Tester	2019-03-07	0	25000	A PHP Project Tester	sent


Showing 1 to 1 of 1 entries

Previous1Next

## COMPANY PROFILE

OCSS

Jobs sks Contact Us



Jobs Posted:

Show 10 entries

Search:

Post Id	Title	Desc	Min Experience	Salary	Status	Update	Delete
No data available in table							

Showing 0 to 0 of 0 entries

Previous Next

User Name

sks

Email

sks@gmail.com

## APPLICATIONS RECEIVED

OCSS

Jobs sks Contact Us

sks

Email

sks@gmail.com

Applications received:

Show 10 entries

Search:

Post Id	Applicant Name	Date Applied	Job Title	Applicants Skills	Application Status	Download Resume	Accept	Reject
3	Karthik Iyer	2019-03-07	Tester	PHP	sent			

Showing 1 to 1 of 1 entries

Previous 1 Next



## ABOUT US & CONTACT US

OCSS

Jobs    SignIn/SignUp    Contact Us

### About Us :

The Online Campus Selection System developed for HR Department with including automate the functioning of HR Department. This system is helpful for HR Department to make easy student selection process. We can say this system similar to Human Resource Management System.

The online campus selection software work at college or university. The College invited to recruiter/company for register in this system and help to get employee easily as per their qualification and requirements. Other hand college has all the student data submitted in this system so student can get easily job. The system is a mutual place for student and company. The online campus selection system helps student to get job and company to get employee.

### CONTACT US

Contact Us If You Have Any Doubt's

Contact Person Name : Karthik Iyer

📍 OCSS,Khambalpoda,Thakurli(East)-421201

📞 +919702086035

✉ ocss@gmail.com

## DATABASE

### Table's

- Database
  - Database format: MySQL
  - Name of Database: OCSS
  - Number of tables: 04

#### I. Company

Attributes	Data Type	Constraint
Id	Int (11)	Primary Key
Name	Varchar (200)	Default Null
email	Varchar (200)	Default Null
password	Varchar (200)	Default Null
logo	Varchar (200)	Default Null

#### II. s

Attributes	Data Type	Constraint
Id	Int (11)	Primary Key
date	date	Default Null
pid	Int (11)	Default Null
sid	Int (11)	Foreign Key
status	Int (11)	Default Null

**III. Post**

Attributes	Data Type	Constraint
Id	Int (11)	Primary Key
date	timestamp	Default Null
eid	Int (11)	Foreign Key
name	Varchar (200)	Default Null
category	Varchar (500)	Default Null
minexp	Varchar (100)	Default Null
desc	Varchar (5000)	Default Null
salary	Varchar (200)	Default Null
industry	Varchar (500)	Default Null
role	Varchar (500)	Default Null
employmentType	Varchar (500)	Default Null
status	Varchar (100)	Default Null

**IV. Student**

Attributes	Data Type	Constraint
Id	Int (11)	Primary Key
Name	Varchar (200)	Default Null
email	Varchar (200)	Default Null
password	Varchar (200)	Default Null
qualification	Varchar (500)	Default Null
dob	date	Default Null
Skills	Varchar (200)	Default Null
Resume	Varchar(500)	Default Null

## TESTING & VALIDATIONS

During system testing the system is used experimentally to ensure that the Website does not fail. In short whether the system run accordingly to the specification and in the way the user expects or not special test data are input for processing and output is examined.

System testing of hardware or Website is conducted on complete, integrated system to evaluate the system completeness with its specified requirements.

System testing within the scope of black box testing, and as such, should require no knowledge of inner design or logic.

### Unit Testing

Test Cases	Value	Expected Result	Pass/Fail
<b>COMPANY</b>			
User Name	-	Username Should Not Be Empty	Fail
User Name	TEST	-	Pass
Password	-	Password Should be 8 character long.	Fail
Password	Test	Password Should Have 1 Special Character.	Fail
Password	Test@	Password Should Have 1 Number.	Fail
Password	Test@123	-	Pass
Email Id	Test	Enter A Valid Email Id	Fail

Email Id	Test.gmail.com	Enter A Valid Email Id	Fail
Email Id	Test@gmail.com	-	Pass
Job Title	-	Job Title Should Not Be Empty	Fail
Job Title	Tester1	Job Title Should Not Have Any Number	Fail
Job Title	Tester@	Job Title Should Not Have Any Special Character	Fail
Job Title	Tester	-	Pass
Salary Budget	-	Salary Budget Should Not Be Empty	Fail
Salary Budget	20k	Salary Budget Should Be In Numbers	Fail
Minimum Experience	-	Minimum Experience Should Not Be Empty	Fail
Minimum Experience	One	-	Pass
Salary Budget	20000	-	Pass
Job Requirements	-	Job Requirements Should Not Be Empty	-
Job Requirements	Well Experienced Tester	-	Pass
Role	-	Role Should Not Be Empty	Fail
Role	Lead Tester	-	Pass
Status	-	One Should Be Selected	Fail
Status	Open	-	Pass
<b>STUDENT</b>			
User Name	-	Username Should Not Be Empty	Fail
User Name	TEST	-	Pass
Password	-	Password Should be 8 character long.	Fail

Password	Test	Password Should Have 1 Special Character.	Fail
Password	Test@	Password Should Have 1 Number.	Fail
Password	Test@123	-	Pass
Email Id	Test	Enter A Valid Email Id	Fail
Email Id	Test.gmail.com	Enter A Valid Email Id	Fail
Email Id	Test@gmail.com	-	Pass
Qualification	-	Qualification Should Not Be Empty	Fail
Qualification	BSC CS	-	Pass
Skills	-	Skills Should Not Be Empty	Fail
Skills	PHP,Java	-	Pass

### **Integration Testing**

<b>Purpose</b>	<b>Expected Result</b>
Login without registering	You are not a valid user
Login Without Email	Login With Email
Login Without Password	Login With Password
Submit without entering values	You must enter all the fields
Search data which is not on database	Record not found
Post A Job	New Post has been created successfully
Applying For Job Without Login	Login First
Applying For Job	Job Applied Successfully
Reapplying For Same Job	You have already applied for this job. Check your application status in 'Jobs Applied' section

## **CONCLUSION**

Online Campus Selection System stands as a revolutionizing element in the sphere of recruitment. They act as a communication bridge between students and companies facilitating their requirements. This website helps organizations to have a greater exposure to the candidate pool and also students facilitating wide search of jobs matching their interests. This website provides an enhanced user experience for both student and company. It provides user friendly interface which facilitates in reaching wide range of audience.

## **FUTURE SCOPE**

It is flexible enough to incorporate any changes demanded in future :

- More user friendly approaches can be developed.
- We can provide more security(as per requirement).
- We Can Provide More Modules To It (as per requirement).
- We Can Provide Company To Student Messaging System And Vice Versa.
- We Can Add Examination Module To Make The Process More Easy.



## REFERENCES

- 1.) <https://www.w3schools.com/php/default.asp>
- 2.) <https://www.tutorialspoint.com/php/index.htm>
- 3.) <https://www.learn-php.org/>
- 4.) <https://www.guru99.com/php-tutorials.html>
- 5.) <https://www.ncs.gov.in/Pages/default.aspx>