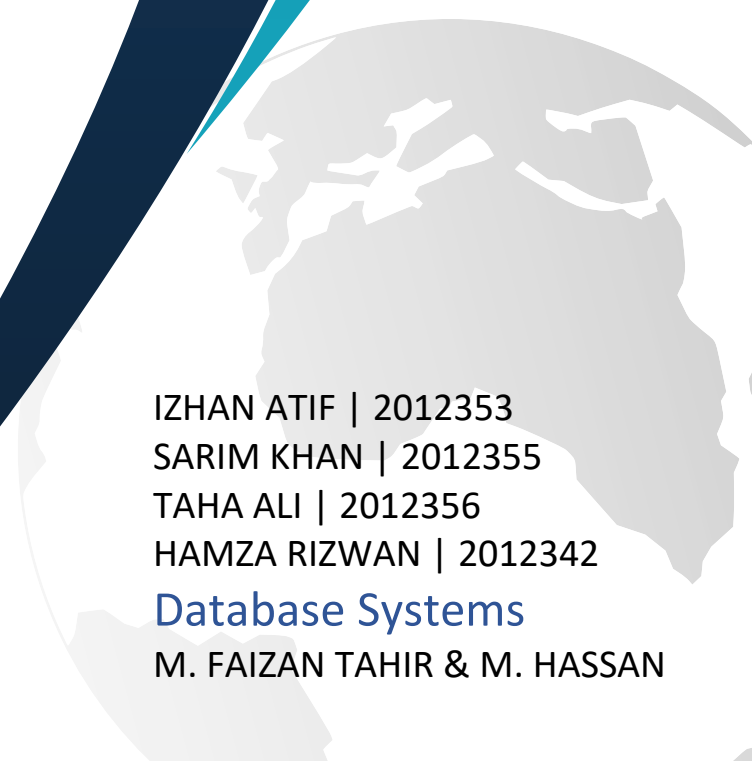




SZABIST FINAL PROJECT



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Database Systems

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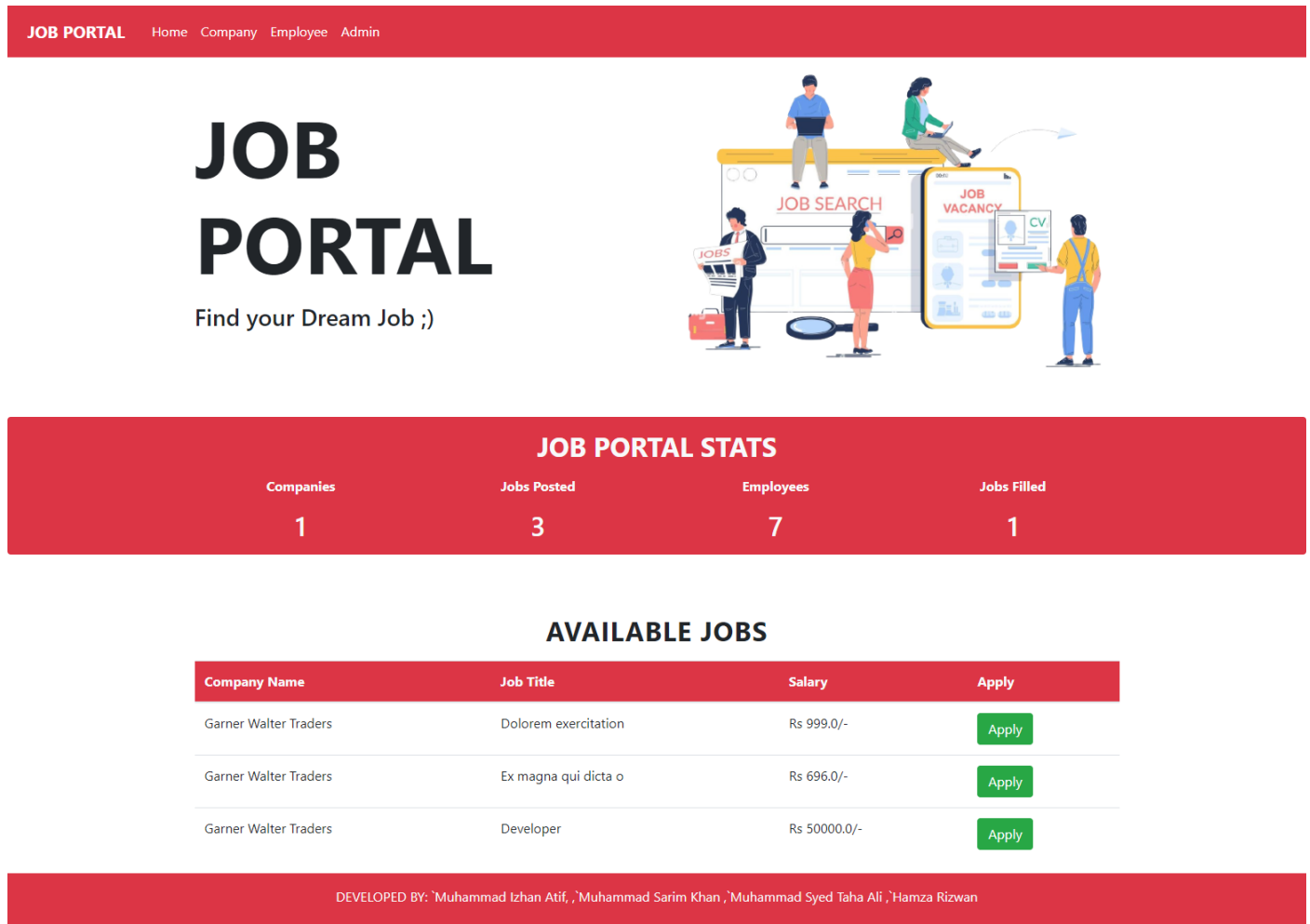
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Project Description

JOB PORTAL

A job portal, sometimes known as a career portal, is a modern term for an online job board that assists job seekers in finding opportunities and businesses in locating perfect individuals. Job portals on websites like Monster, Indeed, and SimplyHired offer a diverse choice of employment in a variety of sectors.

This project was created using the high-level language PYTHON and the DJANGO web framework. It has a variety of choices, such as login, creating jobs, managing users, and much more. All of these tasks are handled with the help of a database called phpMyAdmin.



This website is divided into three Interfaces:

1. User Interface
2. Company Interface
3. Administration

In the first section, "User Interface," a user may register by navigating to the signup page and filling out all of the relevant information. After registering, the user may go to the job listing page, where he can simply examine all of the available jobs based on his choices. To apply for any available position, a user must first upload their résumé.

Further a user may go to his or her profile to add more information.

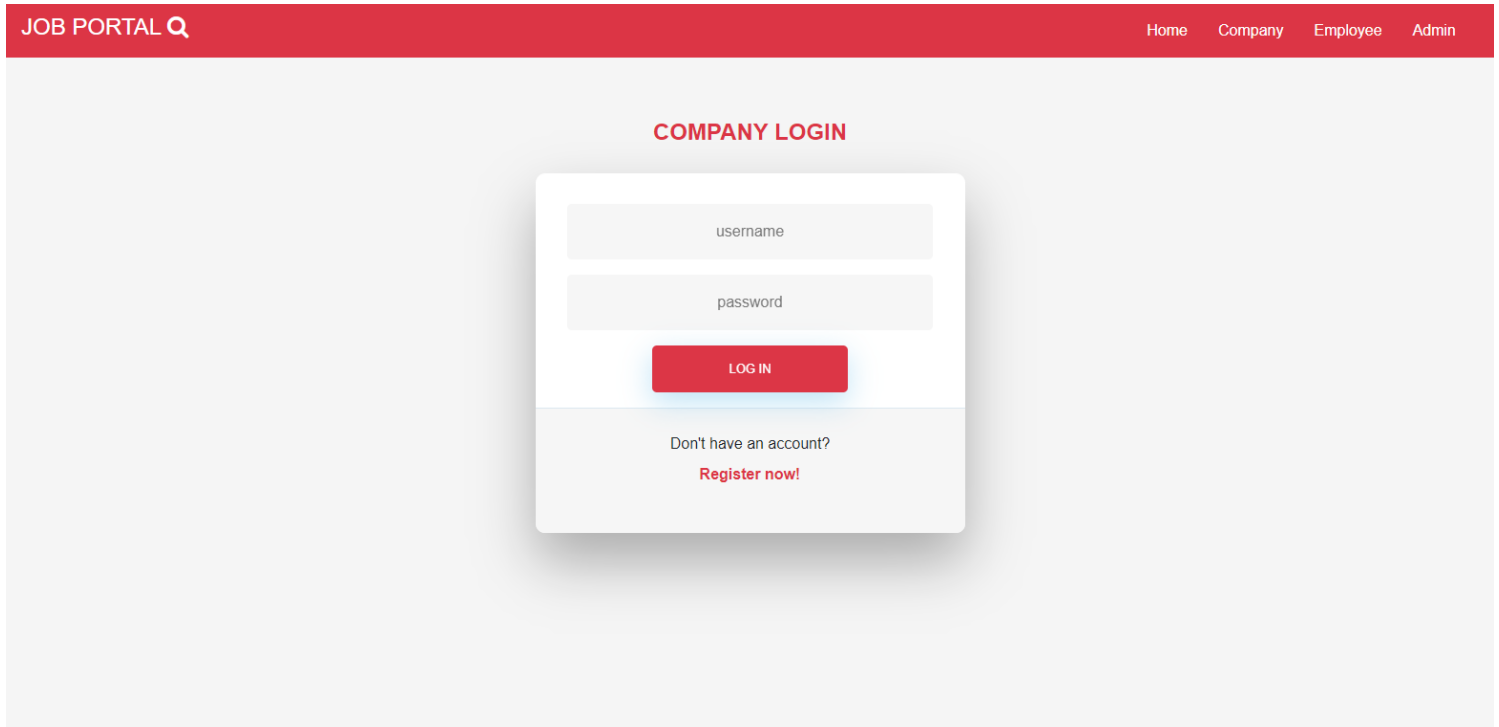
In the second section, "Company Interface," any company may register by filling out a signup page that is specifically developed for them. They must have their identity confirmed by the administrator after submitting it. After completing the verification process, a corporation may go into its account and conduct three actions: list positions, see previously posted jobs, and view application information.

An employee from administration may access and control all of the information on this website, including listed positions, job availability, total firms registered, and so on, under the last section, "Administration."

Screen Shots Of Output

Company Login Page:

- A firm can logon to this portal by submitting its secret information.



The screenshot shows the 'COMPANY LOGIN' page of the 'JOB PORTAL Q' system. The page has a red header with the logo and navigation links: Home, Company, Employee, and Admin. The main content area is light gray and features a white login form with a red shadow. The form includes two input fields for 'username' and 'password', a red 'LOG IN' button, and a link to 'Register now!' for users who don't have an account.

JOB PORTAL Q Home Company Employee Admin

COMPANY LOGIN

username

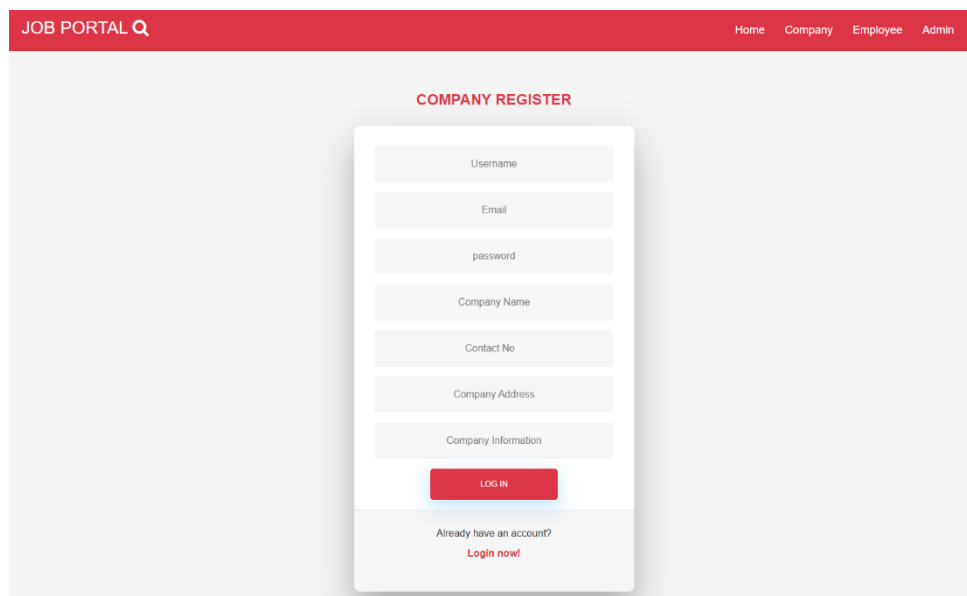
password

LOG IN

Don't have an account?
[Register now!](#)

Company Register Page:

- A firm can register on this page by submitting all of the relevant information.



The screenshot shows the 'COMPANY REGISTER' page of the 'JOB PORTAL Q' system. The page has a red header with the logo and navigation links: Home, Company, Employee, and Admin. The main content area is light gray and features a white registration form with a red shadow. The form includes input fields for 'Username', 'Email', 'password', 'Company Name', 'Contact No', 'Company Address', and 'Company Information', a red 'LOG IN' button, and a link to 'Login now!' for users who already have an account.

JOB PORTAL Q Home Company Employee Admin

COMPANY REGISTER

Username

Email

password

Company Name

Contact No

Company Address

Company Information

LOG IN

Already have an account?
[Login now!](#)

Screen Shots Of Output

Page To Add Job Tile And Its Description:

- This page is where the firm must disclose all of the job's specifics.

The screenshot shows the 'Add Job Tile' form in the JOB PORTAL Q system. The form is titled 'Job Title' and includes several input fields: 'Job Title', 'Start Date' (dd/mm/yyyy), 'End Date' (dd/mm/yyyy), 'Salary (per month)' (Enter Salary (per month)), 'Skills Required' (Enter the required skills for the job), 'Experience (in years)' (Experience required (in years)), 'Company Location' (Enter exact location of the Company), and 'Job Description' (Description of the exact job). A 'Submit' button is located at the bottom right of the form. The top navigation bar includes links for 'Welcome, gaqawetob', 'Jobs Listed', 'Add Job', 'Applicants', 'Profile', and 'Logout'.

Page To Add Company Profile:

- Page for firm to add information about themselves in order to gain administration approval.

The screenshot shows the 'Edit Company Profile' form in the JOB PORTAL Q system. The form is titled 'EDIT COMPANY PROFILE' and includes several input fields: 'Company Name' (Rosario Daniel Co), 'Email' (jaqavalu@mailinator.com), 'Username' (gaqawetob), 'Password' (1234), 'Company Info' (Ellison Sampson Co), 'Company Address' (Quae incididunt est), and 'Contact Number' (16). A 'Submit' button is located at the bottom right of the form. The top navigation bar includes links for 'Welcome, gaqawetob', 'Jobs Listed', 'Add Job', 'Applicants', 'Profile', and 'Logout'.

Screen Shots Of Output

Page For The Administration To Accept Firms Profile:

- On this page, an administration employee may read all of the firm's information and select whether or not to approve it.

The screenshot shows the Django administration interface. The top navigation bar includes the title 'Django administration' and links for 'WELCOME, ADMIN', 'VIEW SITE', 'CHANGE PASSWORD', and 'LOG OUT'. The breadcrumb trail indicates the current location: 'Home > Accounts > Companys > Rosario Daniel Co,gaqawetob, pending'. The left sidebar contains a search bar and a menu with categories: 'ACCOUNTS' (Companies, Employees, Job applications, Job datas) and 'AUTHENTICATION AND AUTHORIZATION' (Groups, Users). The main content area is titled 'Change company' and displays the details for 'Rosario Daniel Co,gaqawetob, pending'. The form includes fields for User, Username, Password, Email, CompanyName, ContactNo, CompanyAddress, CompanyInfo, Status, and Usertype. At the bottom, there are buttons for 'Delete', 'Save and add another', 'Save and continue editing', and 'SAVE'.

Page for employee to login into admin:



- Employees can access admiration by entering the password they were given.

The screenshot shows the Django administration login page. It features a central form with the title 'Django administration'. The form contains fields for 'Username:' and 'Password:', followed by a 'Log in' button.

Screen Shots Of Output



Page Of Listed Jobs:

- This page shows the user all the job listed in the data base.

JOB PORTAL Q							Welcome, user		Explore Jobs	Profile 	Logout 
Available Jobs											
Sr.No	Company Name	Job Title	Salary	Location	Created On	Apply					
1	Rosario Daniel Co	Data analyst	100000.0	Karachi	June 12, 2022	Applied					
2	Rosario Daniel Co	Developer	50000.0	Karachi	June 12, 2022	Applied					
3	Garner Walter Traders	Ex magna qui dicta o	696.0	Quae cum quam simili	June 6, 2022	Apply					
4	Garner Walter Traders	Dolorem exercitation	999.0	Enim officiis eligen	June 6, 2022	Apply					
5	Garner Walter Traders	Developer	50000.0	Karachi	June 5, 2022	Apply					

Page to upload resume:





- This page allows the user to upload its resume to apply for the job.

JOB PORTAL Q							Welcome, user		Explore Jobs	Profile 	Logout 		
Upload Resume													
<div>Choose File No file chosen</div>													
<div>Submit</div>													

Screen Shots Of Output



Page To View Jobs Listed:

- This page is for the company to see its previous listed jobs

Sr.No	Job Title	Created On	Action	Delete
1	Developer	June 12, 2022		
2	Data analyst	June 12, 2022		

Page To View Applicant Details:

- This page is for the company to know details of the applicants

Sr.No	Job Title	Applicant	Applied On	Details	Resume
1	Data analyst	Izhan	June 12, 2022	Details	
2	Developer	Izhan	June 13, 2022	Details	

Screen Shots Of Output

Admin Page To Change Job Application:

- This page allow the employee to change job applications

The screenshot shows the Django administration interface. The top navigation bar includes 'Django administration' and links for 'WELCOME, ADMIN', 'VIEW SITE', 'CHANGE PASSWORD', and 'LOG OUT'. The breadcrumb trail is 'Home > Accounts > Job applications > Rosario Daniel Co,gaqawetob, Verified, Izhan'. The left sidebar lists 'ACCOUNTS' (Companies, Employees, Job applications, Job datas) and 'AUTHENTICATION AND AUTHORIZATION' (Groups, Users). The main content area is titled 'Change job application' and shows the details for 'Rosario Daniel Co,gaqawetob, Verified, Izhan'. The form includes fields for 'Company' (Rosario Daniel Co,gaqawetob, Verified), 'JobData' (Developer), 'Employee' (user,user6969@user.com,Employee), 'Resume' (Currently: 127.0.0.1_8000.pdf, Change: Choose File), and 'Apply date' (2022-06-13, Today). At the bottom, there are buttons for 'Delete', 'Save and add another', 'Save and continue editing', and 'SAVE'.

Page Of Administration:

- This is the front page of what employee see when he gets login.



The screenshot shows the Django administration interface. The top navigation bar includes 'Django administration' and links for 'WELCOME, ADMIN', 'VIEW SITE', 'CHANGE PASSWORD', and 'LOG OUT'. The main content area is titled 'Site administration'. It features a sidebar with 'ACCOUNTS' (Companies, Employees, Job applications, Job datas) and 'AUTHENTICATION AND AUTHORIZATION' (Groups, Users). The main content area lists 'Recent actions' and 'My actions'. The 'Recent actions' section shows a list of actions performed by 'Gamer Walter Traders,baxapowape, Verified Company' and 'Company,company, Verified Company'.

Screen Shots Of Output

Page Of Applicant Details

➤ This page shows the details of applicant to company.

JOB PORTAL Q

Welcome, **gaqawetob**Jobs ListedAdd JobApplicantsProfile Logout 

Personal Details

Name : Izhan Atif

Email : user6969@user.com

Age : 21

Gender : male

Address : Karachi

Contact No : 900

Professional Details


Degree : Bachelors CS

Majors : Web Development

Year of Graduation : None

Skills : Python, Django, HTML, CSS , Flutter

Apply date: June 12, 2022

Resume : 

Database Queries

```
-- phpMyAdmin SQL Dump
-- version 5.2.0
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1:3307
-- Generation Time: Jun 12, 2022 at 02:47 PM
-- Server version: 10.4.24-MariaDB
-- PHP Version: 8.1.6

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `jobportal`
--

--
-- Table structure for table `accounts_company`
```

Database Queries

```
CREATE TABLE `accounts_company` (
  `id` bigint(20) NOT NULL,
  `username` varchar(32) NOT NULL,
  `password` varchar(32) NOT NULL,
  `email` varchar(50) NOT NULL,
  `companyName` varchar(50) DEFAULT NULL,
  `contactNo` bigint(20) DEFAULT NULL,
  `companyAddress` varchar(255) NOT NULL,
  `companyInfo` varchar(255) NOT NULL,
  `status` varchar(20) NOT NULL,
  `usertype` varchar(20) NOT NULL,
  `user_id` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `accounts_company`
--

INSERT INTO `accounts_company` (`id`, `username`, `password`, `email`, `companyName`, `contactNo`
(2, 'baxapowape', '1234', 'mejawewogy@mailinator.com', 'Garner Walter Traders', 31, 'Sit officiis

-----

--
-- Table structure for table `accounts_employee`
```

```
-- Dumping data for table `accounts_employee`
--

INSERT INTO `accounts_employee` (`id`, `usertype`, `username`, `password`, `fname`, `lname`, `age`, `gender`, `address`, `phon
(1, 'Employee', 'fuqed', '1234', 'Germane', 'Sellers', 51, 'male', 'Deserunt ea non Nam ', NULL, 'In iste vel rem exce', 'Sed
(2, 'Employee', 'roxuqyhi', '1234', 'Branden', 'Booker', 84, 'Emale', 'Voluptate quia dolor', 132, 'Ipsum quo eum est n', 'Vol
(3, 'Employee', 'mamixexeq', '1234', 'Andrew', 'Johnston', 7, 'Emale', 'Maxime voluptatem Q', 836, 'Quis laudantium sin', 'Ut
(4, 'Employee', 'xezebab', '1234', 'Christine', 'Quinn', 89, 'male', 'Mollit nulla maxime ', NULL, 'Molestiae rem ea sin', 'In
(5, 'Employee', 'izhan', '1234', 'Gary', 'Stevenson', 62, 'male', '+1 (573) 794-1981', NULL, 'Lynn', 'Mosley', '2020-09-23', '
(6, 'Employee', 'sofujykeby', '1234', 'Daphne', 'Pollard', 16, 'female', 'Morin Nelson Traders', 786, 'Alford Espinoz', 'Dunca
(7, 'Employee', 'myweh', '1234', 'Nolan', 'Horne', 44, 'female', 'Dickerson Whitney Plc', 144, 'Farley and Joyce ', 'Montgomer

-----

--
-- Table structure for table `accounts_jobapplication`
--

CREATE TABLE `accounts_jobapplication` (
  `id` bigint(20) NOT NULL,
  `company` varchar(200) NOT NULL,
  `resume` varchar(100) NOT NULL,
  `apply_date` date NOT NULL,
  `employee_id` bigint(20) NOT NULL,
  `jobData_id` bigint(20) NOT NULL
```

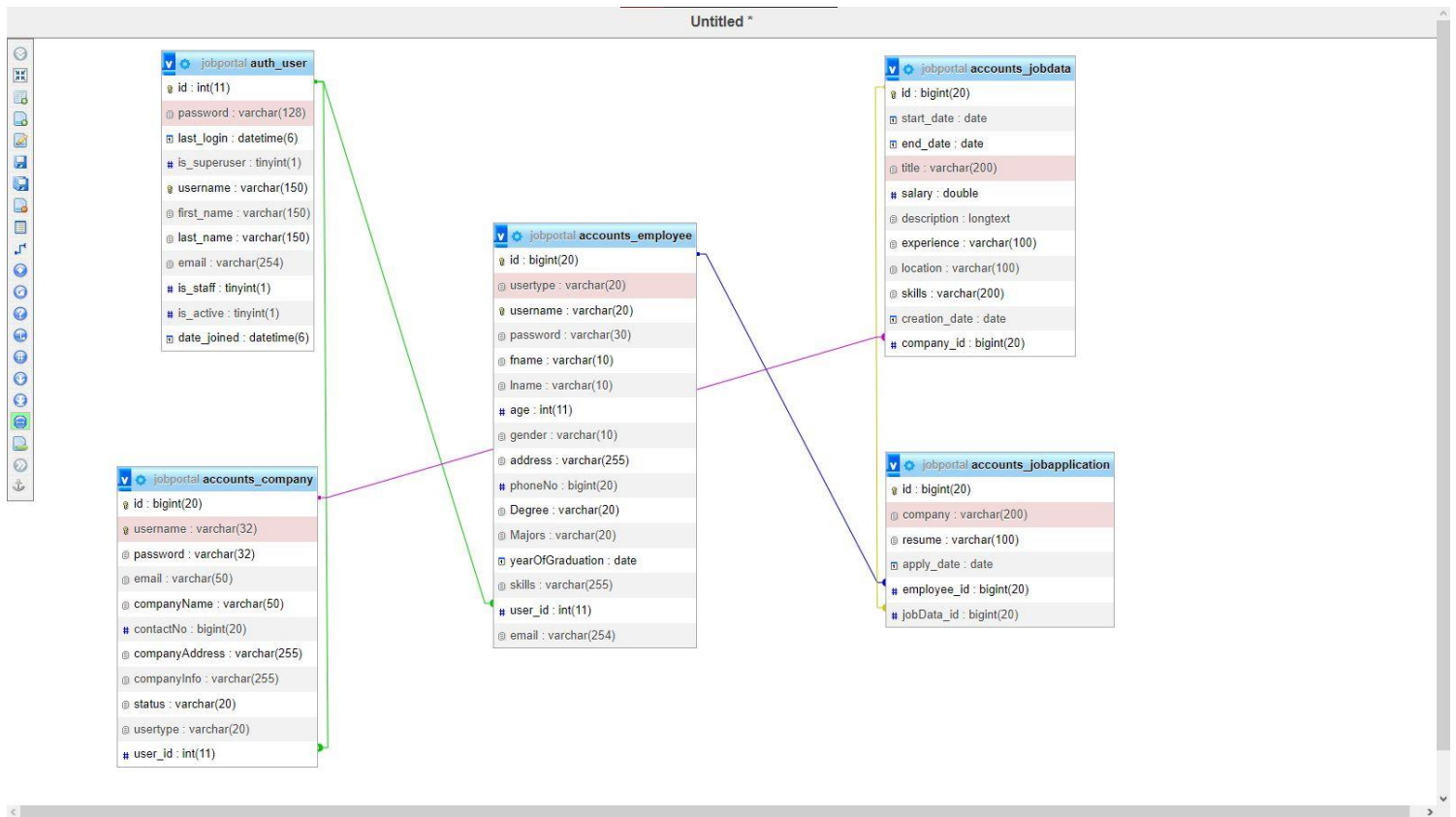
Database Queries

```
--  
CREATE TABLE `auth_group` (  
  `id` int(11) NOT NULL,  
  `name` varchar(150) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
-----  
  
--  
-- Table structure for table `auth_group_permissions`  
--  
CREATE TABLE `auth_group_permissions` (  
  `id` bigint(20) NOT NULL,  
  `group_id` int(11) NOT NULL,  
  `permission_id` int(11) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
  
-----  
  
--  
-- Table structure for table `auth_permission`  
--  
CREATE TABLE `auth_permission` (  
  `id` int(11) NOT NULL,  
  `name` varchar(255) NOT NULL,  
  `content_type_id` int(11) NOT NULL,  
  `codename` varchar(100) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

Database Queries

```
- Indexes for table `accounts_company`  
-  
ALTER TABLE `accounts_company`  
  ADD PRIMARY KEY (`id`),  
  ADD UNIQUE KEY `username` (`username`),  
  ADD KEY `accounts_company_user_id_27c0a1d7_fk_auth_user_id` (`user_id`);  
  
-  
- Indexes for table `accounts_employee`  
-  
ALTER TABLE `accounts_employee`  
  ADD PRIMARY KEY (`id`),  
  ADD UNIQUE KEY `username` (`username`),  
  ADD KEY `accounts_employee_user_id_593173d8_fk_auth_user_id` (`user_id`);  
  
-  
- Indexes for table `accounts_jobapplication`  
-  
ALTER TABLE `accounts_jobapplication`  
  ADD PRIMARY KEY (`id`),  
  ADD KEY `accounts_jobapplicat_employee_id_c2493e09_fk_accounts_` (`employee_id`),  
  ADD KEY `accounts_jobapplicat_jobData_id_4d762c63_fk_accounts_` (`jobData_id`);
```

ERD Diagram



Conclusion

The broader scope of job searching makes it easier to find prospects quickly. More individuals are looking for better jobs, and businesses are looking for better potential, thanks to the expanding work prospects and changing business climate. This predicament has caused many people to turn to job portals in quest of generally approved and completely functional job search methods. In this view, job portals take on increased significance, and we may be able to create an effective system that is used by a large number of job seekers and employers.