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### 1. Overview

The Job Portal application allows users to browse job listings, view job details, and export listings as CSV files. This guide will help set up the application on any machine so it runs identically to the original environment.

### 2. Prerequisites

To run the Job Portal application, ensure the following are installed on the computer:

- **PHP** (Version 7.4 or higher)
- **MySQL** (Version 5.7 or higher)
- **Apache** Web Server (e.g., via XAMPP, WAMP, or LAMP)
- **Composer** (for dependency management)
- **Git** (optional, for cloning the repository)

### 3. Step-by-Step Installation

#### Step 1: Install Prerequisite Software

- **Windows:** Download XAMPP to install Apache, PHP, and MySQL in one package.
- **macOS/Linux:** Install Apache, PHP, and MySQL through the terminal (see commands below).

For **Linux** (Debian-based):

```
sudo apt update
```

```
sudo apt install apache2 php libapache2-mod-php php-mysql mysql-server
```

For **macOS** (using Homebrew):

brew install php mysql composer

## Step 2: Clone or Download the Project

- **Option 1: Cloning** (if you have Git installed)

```
git clone <https://github.com/yourusername/job-portal-app.git>
```

```
cd job-portal-app
```

- **Option 2: Download as ZIP**

1. Download the project ZIP file from the source (e.g., GitHub).
2. Extract the ZIP file to a directory, then navigate to that folder.

## Step 3: Set Up the Database

1. **Open phpMyAdmin:** Navigate to <http://localhost/phpmyadmin> in your browser.
2. **Create a New Database:**
  - Name it `job_portal` or any name you prefer (make sure to update the configuration if you choose a different name).
3. **Import Database Schema:**
  - In phpMyAdmin, select the newly created database.
  - Go to the **Import** tab.
  - Choose the `database.sql` file from the project folder and click **Go** to import tables and data.

## 4. Configuration

### Step 1: Database Configuration

1. Open the `database.php` file in the project root directory.
2. Update the database connection settings to match your environment:

```
$db_host = 'localhost';
```

```
$db_user = 'root';
```

```
$db_pass = ""; // for local setups
```

```
$db_name = 'job_portal';
```

### Step 2: Move Project to Web Server Directory

- **Windows (XAMPP):** Copy the project folder to `C:/xampp/htdocs/job-portal-app`.
- **Linux:** Move to `/var/www/html/job-portal-app`.

- **macOS:** Copy to /Library/WebServer/Documents/job-portal-app.

## 5. Starting the Application

### 1. Start Apache and MySQL Services:

- **Windows (XAMPP):** Open the XAMPP Control Panel and click **Start** next to Apache and MySQL.
- **Linux/macOS:** Start the services via terminal:

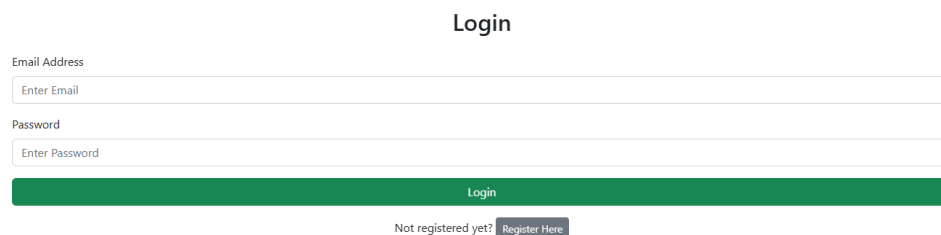
2. `sudo systemctl start apache2`

3. `sudo systemctl start mysql`

### 4. Access the Application:

- Open a web browser and navigate to `http://localhost/job-portal-app`.
- You should see the **Job Portal Login Page**.

## 6. Using the Application



The screenshot shows a login form titled "Login". It has two input fields: "Email Address" with a placeholder "Enter Email" and "Password" with a placeholder "Enter Password". Below these fields is a green "Login" button. At the bottom, there is a link "Not registered yet?" followed by a "Register Here" button.

### Step 1: Log In

Use the default credentials provided in the database import, or create a new user via phpMyAdmin.

### Step 2: Navigating the Dashboard

- **Job Advert List:** View available job positions.
- **Export to CSV:** Click this button to download job listings as a CSV file.
- **Click Statistics:** View a chart showing user interactions with job listings.

### Step 3: Viewing Job Details

Each job listing includes details like:

- Job Title, Reference, Location, Sector, Salary, and Description.

Refresh PageLogout

Welcome, William Rashopola to the Job Portal

Available Job Adverts

Sales manager - Centurion

**Vacancy Ref:** JNB000435/NM

**Company:** parallel

**Region:** Gauteng

**Sector:** Admin, Office & Support

**Salary:** Market Related

**Posted by:** Ntsali Mota

**Start Date and End Date:** 2024-10-08 - 2024-11-07

**Brief Description:**

### Sales Manager

**Detail Description:** We are looking for a Sales Manager to join our team. As a Sales Manager, you will be responsible for overseeing and coordinating the sales team, setting sales targets, and ensuring targets are met. You will also be involved in developing sales strategies and monitoring their effectiveness. The ideal candidate will have excellent communication skills, a strong sales acumen, and the ability to lead a team.**Duties and Responsibilities:**

- Manage and motivate the sales team to meet sales targets
- Develop and implement sales strategies to drive business growth
- Monitor the effectiveness of the sales strategies and make adjustments as necessary
- Build strong relationships with clients and business partners
- Prepare sales reports and present them to the director

If you have a passion for sales and are looking to take the next step in your career, we'd love to hear from you.

Company Ref	Vacancy Reference	Job Title	Apply Link
parallel	JNB000435/NM	Sales manager	<div>Apply Now</div>

Click Statistics

Clicks per Day

Date	Clicks
2024-11-04	5.0
2024-11-05	8.0

Export to CSV

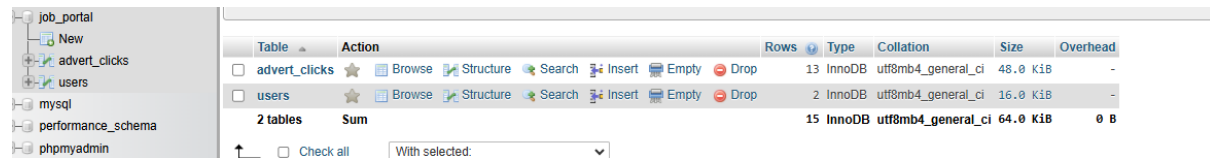
Step 4: Exporting Job Adverts

To download job adverts as a CSV:

- Click on **Export to CSV** at the bottom of the job advert list page.

## Step 5: Create the SQL database

After installing XAMPP on laptop, create the SQL using the schema from repository.



## 7. Troubleshooting

Here are some common issues and solutions.

### Database Connection Issues

- **Error:** Database not connecting.
- **Solution:** Make sure MySQL is running and double-check credentials in database.php.

### Page Not Found (404) Error

- **Error:** Page not loading or displaying a 404 error.
- **Solution:** Confirm the project is in the correct web server directory and Apache is running.

### SOAP Extension Errors (if using SOAP services)

- **Error:** "SOAP extension not found" or similar.
- **Solution:** Check if the SOAP extension is enabled:
  - **XAMPP:** Open php.ini and ensure extension=soap is uncommented.

### Sessions Not Working

- **Error:** Issues with user login or session handling.
- **Solution:** Check php.ini for the session.save\_path setting. Make sure it is correctly set.

Use the [test@gmail.com](mailto:test@gmail.com) and password: 123456789 to login.