



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

FINAL REVIEW DOCUMENTATION

**CSE3002 Internet and Web Programming
Fall 2020-21 (B2)**

**JOB PORTAL FOR HIRING UNSKILLED
LABOUR**

S

SUBMITTED BY:

SHIVANG DOGRA 18BCE0200

TUSHAR TAKSHAK 18BCE0203

LAKSHIT DHANUKA 18BCE0217

ACKNOWLEDGMENT

I would like to extend my sincere gratitude to my academic advisor, Mr. Arun Kumar G. for his motivation, support and constant guidance throughout the development of this project. I truly appreciate the trust he has placed in me. I am thankful for their aspiring guidance, invaluable constructive criticism and friendly advice during the project work. I would also like to thank the School SCOPE for the help they provided during the establishment of this company.

ABSTRACT

Modern life has become easier and the people of the world have to thanks to the immense contribution of the internet technology to communication and information sharing. There is no doubt that internet has made our life become easier and more convenient. We thought of combining the benefits of internet with employment. Our motivation for this project was from seeing the unemployed labourers around us. Their problems are chronic and tied to systemic disruptions in our economy. The unskilled labourers face a lot of problems in searching for jobs in their place, Our Start-Up is aimed at developing an online job search portals for the unskilled labourers. The system can be accessed by anyone with a proper login on the site. This site is designed to help both the employers and the employees. It will fasten the process of job application and the selection. The job seekers will no longer have to spend by giving advertisement in the newspaper for employment and the same stands true for the employer as well. The website is easy to use and provides an optimal solution to the job search problem for the job seekers.

INTRODUCTION

1. Providing a medium to common people to easily search and hire workers in their locality within an optimization between user's budget vs skill of workers and handymen services.
2. Provide a platform and a resourceful medium to workers who aren't able to find regular work in their locality itself, with contract-based or part time jobs as an additional source of income.

Hardware Requirements

- Hardware Requirements
- Processor: Intel Pentium and Above Version
- Speed: 1.60 GHz
- Hard Disk: 20GB And Above
- Key Board: Standard

Software Requirements

- Operating System: Windows 7
- Data Base: MySQL
- Tools: JOOMLA, AJAX, PHP, JQUERY
- Server: XAMPP

LITERATURE SURVEY

1. Justdial

Justdial is an Indian based company that provides search services and is made available on Website and Mobile. It also provides the user with the details of all the service providers. The customers are required to call a hotline number and ask the operator what service they are looking for (e.g. restaurants, hospitals, banks etc.) and in which area. In turn the operator will send them an email and an SMS with the information. Apart from this, customers can search for the information of any specific business on the Website and Mobile Application.

2. INDIAMART

IndiaMART InterMESH Ltd. is an Indian e-commerce company that provides B2C, B2B and customer to customer sales services via its web

portal. The group began in 1996 when Dinesh Agarwal and Brijesh Agrawal founded the website IndiaMART.com, a business-to-business portal to connect Indian manufacturers with buyers. The company is headquartered in Noida, Uttar Pradesh, India. Over the last 10 years, IndiaMART has become the largest e-commerce platform for businesses with about 60% market share.

3. Sulekha

Sulekha is a digital platform for local service businesses in India, matching 20+ million consumers with 50,000 service professionals across 200 categories in about 40 cities. Sulekha focuses on expert services clustered around Home, Life and Self and where the user need is customized. Using technology and domain intelligence, the platform seeks to understand the user need in detail and matches it to verified service professionals who are profiled. The service is free to use for consumers and service professionals pay the platform for performance in the form of verified, matched service requests.

Trends and Challenges in Online Job Portals with special reference to Indian Market – An Empirical Study from an Entrepreneurial Perspective

The purpose of this paper is to examine the trends in the Indian Online Job portal market and to emphasize on the challenges that are being faced by both employers & employees. Earlier research studies mainly focused on either employer or employee perspective and studied the importance of Job Portals and e-recruitment, but there is no study as for our knowledge which made an attempt to study both the perspective simultaneously and even from literature it is found that empirical evidence has been scarce for the above research studies. So in this paper, an attempt is made to fulfill these research gaps. This paper will also highlight the pitfalls faced by a few major online job portals in India from an Entrepreneurial perspective. A questionnaire surveys with 438 employee and 32 employers verifies the hypothesized role of understanding of the relevant jobs, posting the relevant jobs, brand recognition, posting the relevant candidates and ease of integrated recruitment process in achieving job portal efficiency. This study implies that the current job portals need to improve their system and services to attract Job seekers & Employers effectively.

Advantages of MendIT over JustDial:

1. No need to call anyone, just enter your specification and get the details.
2. Direct contact with the Workers.
3. Provide rating and reviews of the workers.
4. Provide workers on the basis of cost, rating and other factors.
5. Less charges than Justdial.
6. Strict action against bad services.
7. Benefits worker as well.
8. Police verified and identified professional workers.

Functional Requirements

Modules

- User Module
- Company Module
- Admin Module

Characteristics

1. The “User” is expected to be internet familiar and to be able to use the job portal.
2. The “Admin” is expected to be familiar with internet and database.

Constraints

Hardware Constraints:

The system should work on most home desktop and Laptop PC's which support PHP, HTML or MySQL.

Software Constraints:

The system will be intent to run on Firefox, Google Chrome etc.

Non-Functional Requirements

Security

The job portal will provide restriction against unauthorized access.

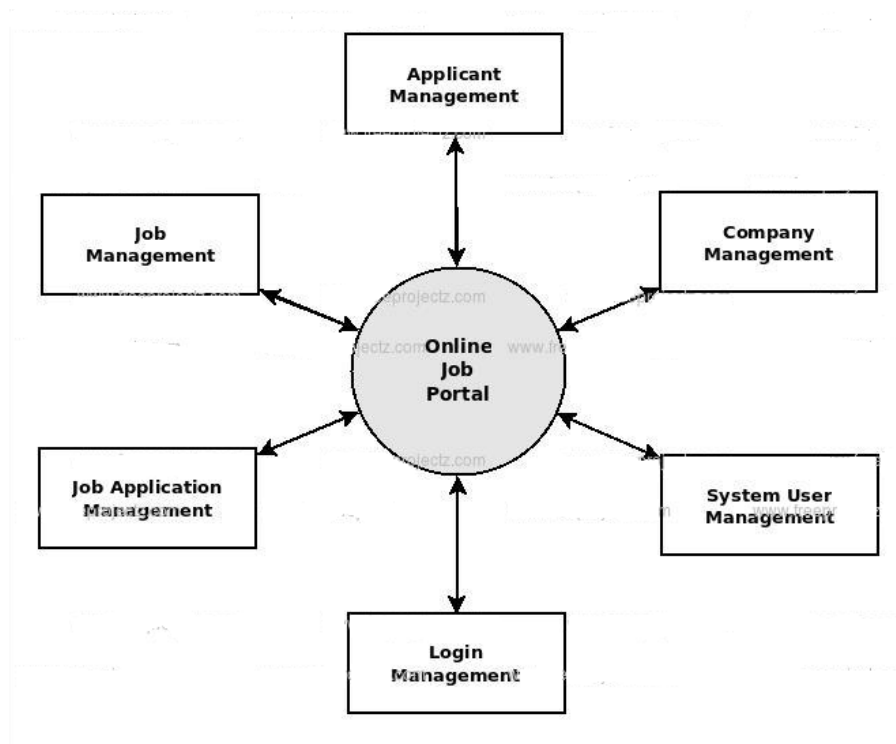
Safety

There will be a backup of data for any future mishap.

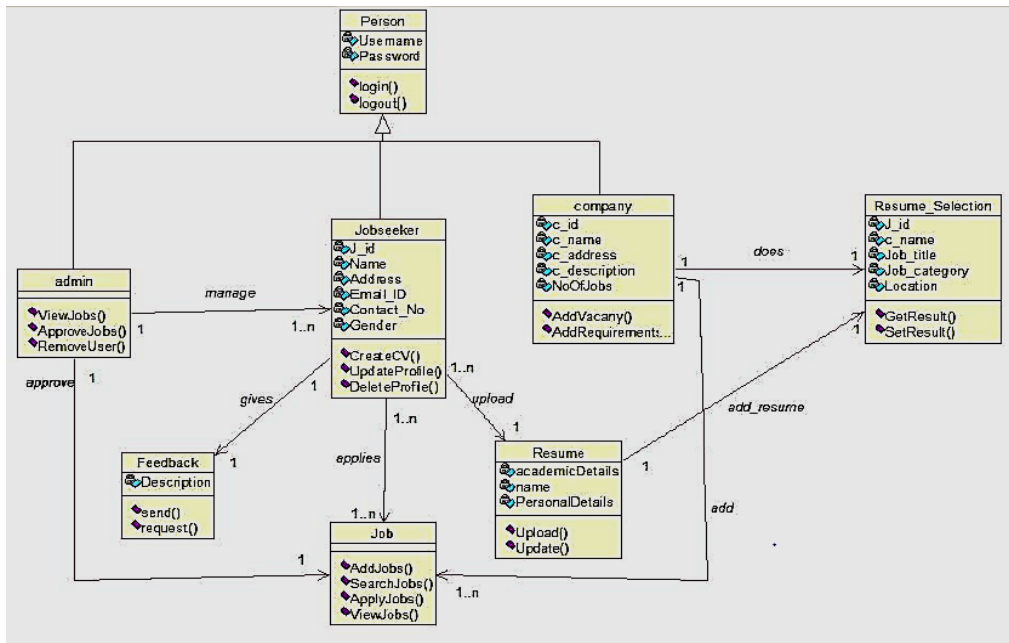
Performance

The online job portal will never break down and work consistently.

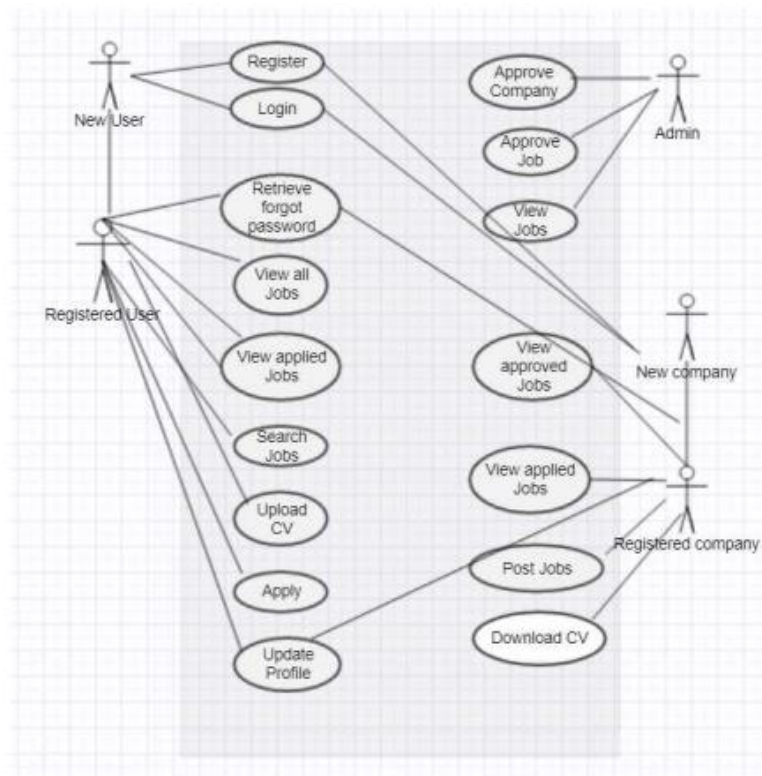
HIGH LEVEL SCHEMA



LOW LEVEL SCHEMA



USE CASE DIAGRAM

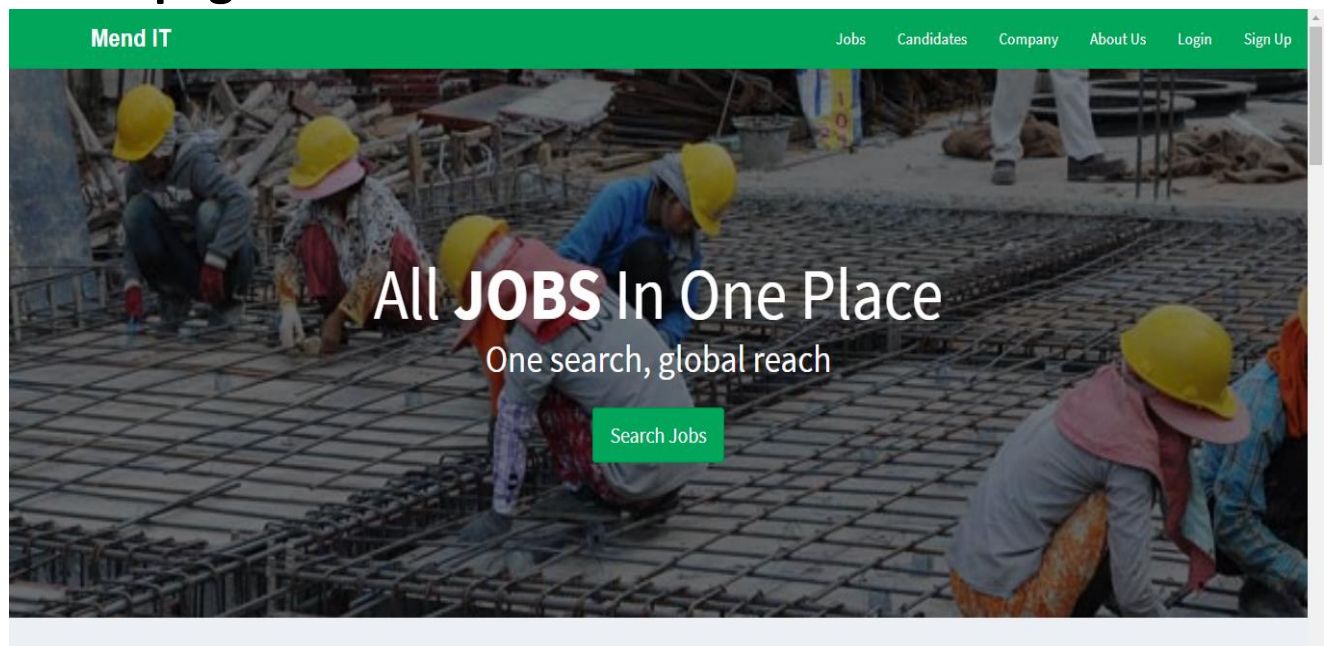


CODES UPLOADED ON GITHUB

<https://github.com/trixtun/IWP-Project>

OUTPUTS

Home page



All New Jobs Updates



Latest Jobs



Packing and Shifting
Aggarwal Packers and Movers | New Delhi | Experience 1 Years

₹18000-₹25000/Month



Security Guard
AdTech | Kolkata | Experience 2 Years

₹10000-₹12000/Month



Domestic Service
Mehta and Sons | Kottayam | Experience 2 Years

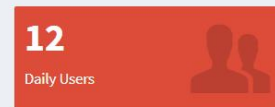
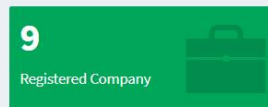
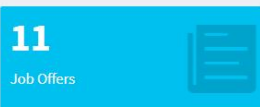
₹5000-₹8000/Month



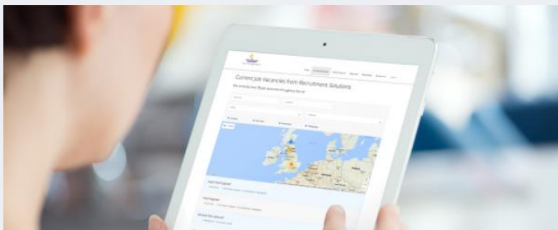
Loading Truck Driver
Aggarwal Packers and Movers | New Delhi | Experience 5 Years

₹25000-₹28000/Month

Our Statistics



About US



Job Portal for people from all walks of life!

The online job portal application allows job seekers and recruiters to connect. The application provides the ability for job seekers to create their accounts, upload their profile and resume, search for jobs, apply for jobs, view different job openings. The application provides the ability for companies to create their accounts, search candidates, create job postings, and view candidates applications.

This website is used to provide a platform for potential unskilled labour

SIGN UP

Mend IT

JobsLoginSign Up

Sign Up

User Registration

Register

Company Registration

Register

Copyright © 2020-2021 Mend IT. All rights reserved.

CANDIDATE SIGNUP

Mend IT

JobsLoginSign Up

CREATE YOUR PROFILE

First Name *

Last Name *

Email *

Brief intro about yourself *

Date Of Birth

mm/dd/yyyy

Age

Passing Year

mm/dd/yyyy

Highest Qualification

Stream

☐ I accept terms & conditions

Register

Password *

Confirm Password *

Phone Number

Address

City

State

Enter Skills

Designation

File Format PDF Only!

Choose FileNo file chosen

COMPANY SIGNUP

Mend IT

JobsLoginSign Up

CREATE COMPANY PROFILE

Full Name	Password
Company Name	Confirm Password
Website	Phone Number
Email	Select Country
Brief info about your company	Attach Company Logo
<input type="checkbox"/> I accept terms & conditions	<div>Choose FileNo file chosen</div>
Register	

Copyright © 2020-2021 Mend IT. All rights reserved.

Login page

Login

Candidates Login

Login

Company Login

Login

Copyright © 2020-2021 Job Portal. All rights reserved.

[Terms of Service](#)

Job Portal

Welcome **AdTech**

- Dashboard
- My Company
- Create Job Post
- My Job Post
- Job Application
- Mailbox
- Settings
- Resume Database
- Logout

My Company

In this section you can change your company details

Company Name

AdTech

Contact Number

9873206541

Website

https://www.intellectsoft.net/

City

Kolkata

Email address

aditya_adtech@gmail.com

State

West Bengal

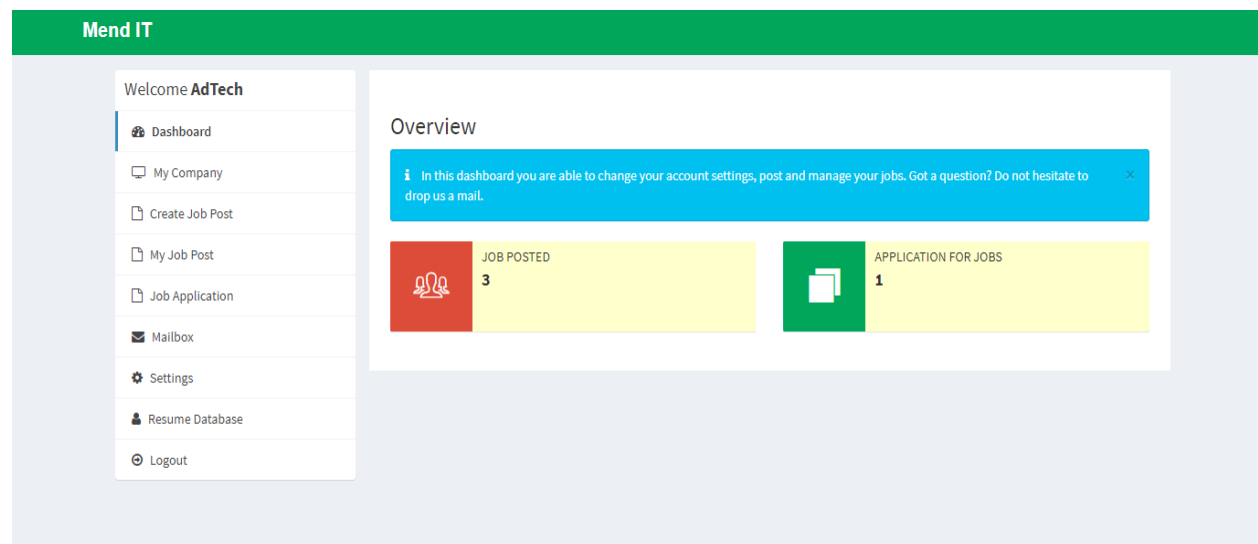
About Me

We work with professionals to develop softwares making lives easy. Working with the professionals with what they already know.

Change Company Logo No file chosen

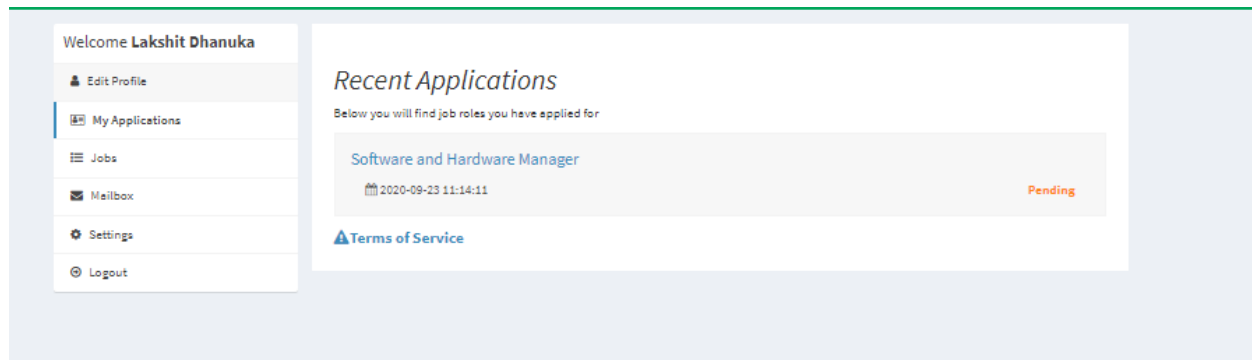
COMPANY LOGIN

1. Company Profile can be updated easily
2. Create New job Posts
3. Edit existing job posts
4. Check for job applications received
5. Mails regarding contact and query
6. Easy facility of Password change
7. View whole database of resume uploaded for current job posts
8. Check applicants profile easily (and ALSO KNOW WHETHER THE PROFILE IS VERIFIED)



CANDIDATE LOGIN

1. User friendly interface for job application registration
2. Easy updating of candidate info
3. Send and receive mails for queries easily
4. Check for current status of your job application
5. Easily check for jobs using keyword search interface
6. For security purpose, easily update your password



Phpmyadmin Panel (SQL DATABASE):

localhost/phpmyadmin/db_structure.php?server=1&db=jobportal

phpMyAdmin

Server: 127.0.0.1 » Database: jobportal

Structure SQL Search Query Export Import Operations Privileges Routines Events More

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin		1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> apply_job_post		9	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> cities		48,313	InnoDB	latin1_swedish_ci	2.5 MiB	-
<input type="checkbox"/> company		9	InnoDB	latin1_swedish_ci	32.0 KiB	-
<input type="checkbox"/> countries		246	InnoDB	utf8_general_ci	16.0 KiB	-
<input type="checkbox"/> job_post		11	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> mailbox		0	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> reply_mailbox		0	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> states		4,128	InnoDB	latin1_swedish_ci	192.0 KiB	-
<input type="checkbox"/> users		12	InnoDB	latin1_swedish_ci	32.0 KiB	-
10 tables	Sum	52,721	InnoDB	utf8mb4_general_ci	2.9 MiB	0 B

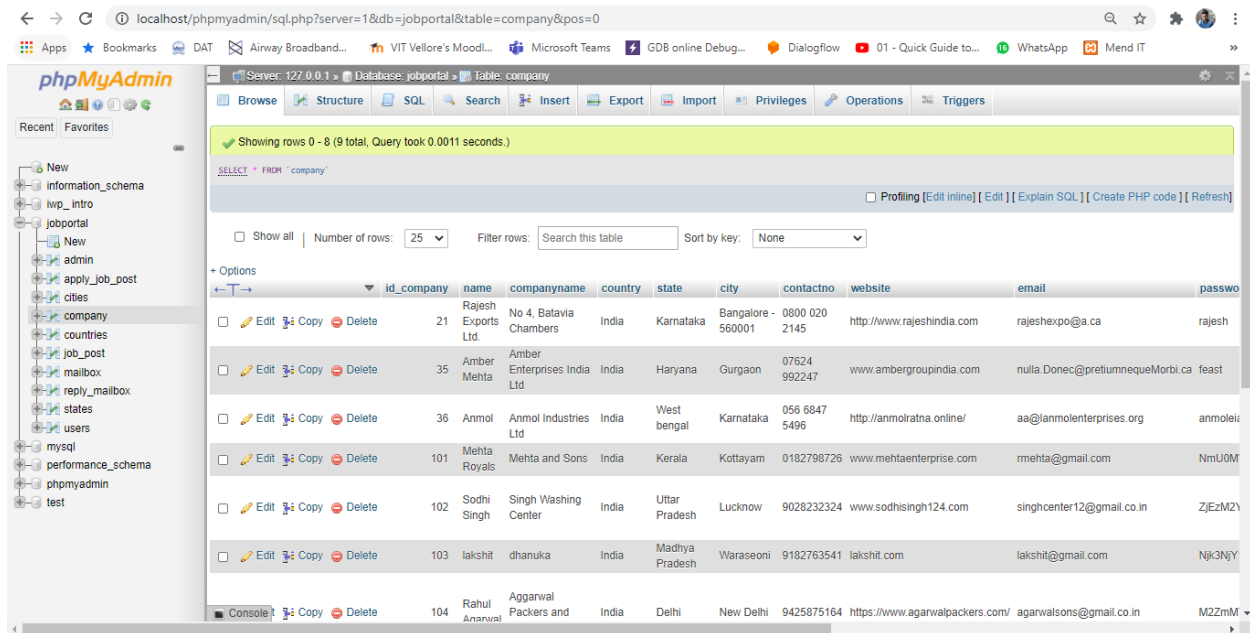
☐ Check all With selected:

Print Data dictionary

Create table

Console Number of columns: 4

Company Database with candidate entries and their resumes



Showing rows 0 - 8 (9 total, Query took 0.0011 seconds.)

SELECT * FROM `company`

Number of rows: 25 Filter rows: Search this table Sort by key: None

	id_company	name	companyname	country	state	city	contactno	website	email	passwo
<input type="checkbox"/>	21	Rajesh Exports Ltd.	No 4, Batavia Chambers	India	Karnataka	Bangalore - 560001	0800 020 2145	http://www.rajeshindia.com	rajeshexpo@a.ca	rajesh
<input type="checkbox"/>	35	Amber Mehta	Amber Enterprises India Ltd	India	Haryana	Gurgaon	07624 992247	www.ambergrouppindia.com	nulla.Donec@pretiumnequeMorbis.ca	feast
<input type="checkbox"/>	36	Anmol	Anmol Industries Ltd	India	West bengal	Karnataka	056 6847 5496	http://anmolratna.online/	aa@anmolenterprises.org	anmolei
<input type="checkbox"/>	101	Mehta Royals	Mehta and Sons	India	Kerala	Kottayam	0182798726	www.mehtaenterprise.com	rmehta@gmail.com	NmU0M
<input type="checkbox"/>	102	Sodhi Singh	Singh Washing Center	India	Uttar Pradesh	Lucknow	9028232324	www.sodhisingh124.com	singhcenter12@gmail.co.in	ZJzEz2M\
<input type="checkbox"/>	103	lakshit	dhanuka	India	Madhya Pradesh	Waraseoni	9182763541	lakshit.com	lakshit@gmail.com	Njk3NJY
<input type="checkbox"/>	104	Rahul Agarwal	Aggarwal Packers and	India	Delhi	New Delhi	9425875164	https://www.agarwalpackers.com/	agarwalsons@gmail.co.in	M2ZmM

FUTURE IMPROVEMENT

- This System being web-based and an undertaking of Cyber Security Division, needs to be thoroughly tested to find out any security gaps.
- Moreover, it is just a beginning; further the system may be utilized other than I.T sector.

CONCLUSION

The wider areas of job searching facilitate the quick and easy access to opportunities. The increasing job opportunities and changing scenario of the business environment today has made more people to search for better career and employers to search for better potential.

This situation has prompted many to move to job portals to look for the ways that has been widely accepted and fully useful in job searching. In this sense the job portals assumes greater importance and we could develop such an efficient system which is used by lot many job hunters and employers.

REFERENCES

1. <https://www.freeprojectz.com/dfd/online-job-portal-dataflow-diagram>
2. <https://www.freeprojectz.com/dfd/online-job-portal-dataflow-diagram>
3. [https://www.researchgate.net/publication/265127171 Trends and Challenges in Online Job Portals with special reference to Indian Market An Empirical Study from an Entrepreneurial Perspective](https://www.researchgate.net/publication/265127171_Trends_and_Challenges_in_Online_Job_Portals_with_special_reference_to_Indian_Market_An_Empirical_Study_from_an_Entrepreneurial_Perspective)
4. <http://www.ijcte.org/papers/834-Z048.pdf>
5. <https://getbootstrap.com/>

Main Reference: Prof. Arun Kumar's PPTs and Study Material

-----X-----