

National University of Computer & Emerging Sciences
Karachi Campus



JOBBASE

PROJECT REPORT

Programming Fundamentals

Section: 1-E-BCS

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Project Report

Title: JOBBASE

INTRODUCTION:

The aim of the project is to establish a platform between jobseekers and companies to ease the process of job seeking and hiring. Basically, it is a two-way communication between companies and jobseekers.

BACKGROUND (Research & Project Selection):

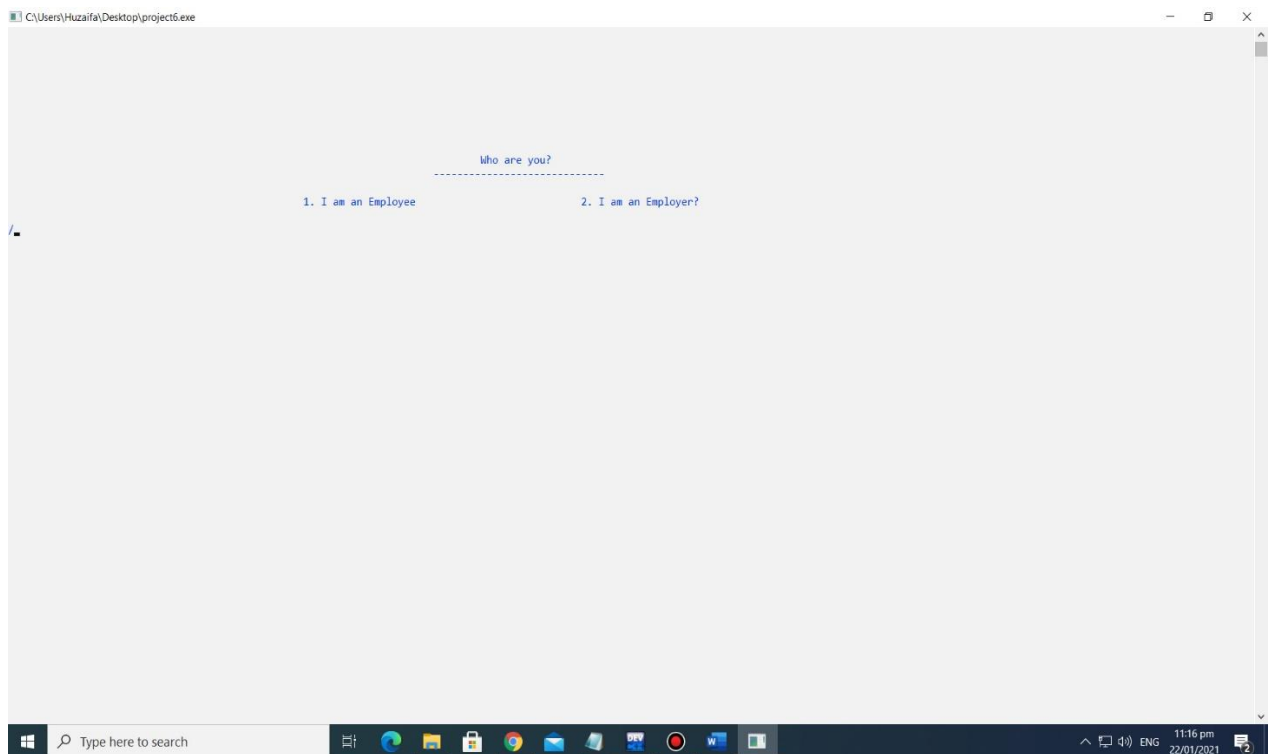
According to our research, we found too many platforms that help the jobseekers to find the job, such as gulftalent.com, monster.com etc., but not such platforms for the companies which enable them to pitch the person according to their requirements directly. Although LinkedIn is a professional platform which enables the companies to find the individuals but not in a concise way, so we decided to establish a platform that help both the jobseekers and companies.

PROJECT SPECIFICATION:

In this project we have made the record of Employees and Companies that are registered to our platform. The data of Employees and Companies are saved in txt files. The unique identities are assigned to them.

- **Main Menu**

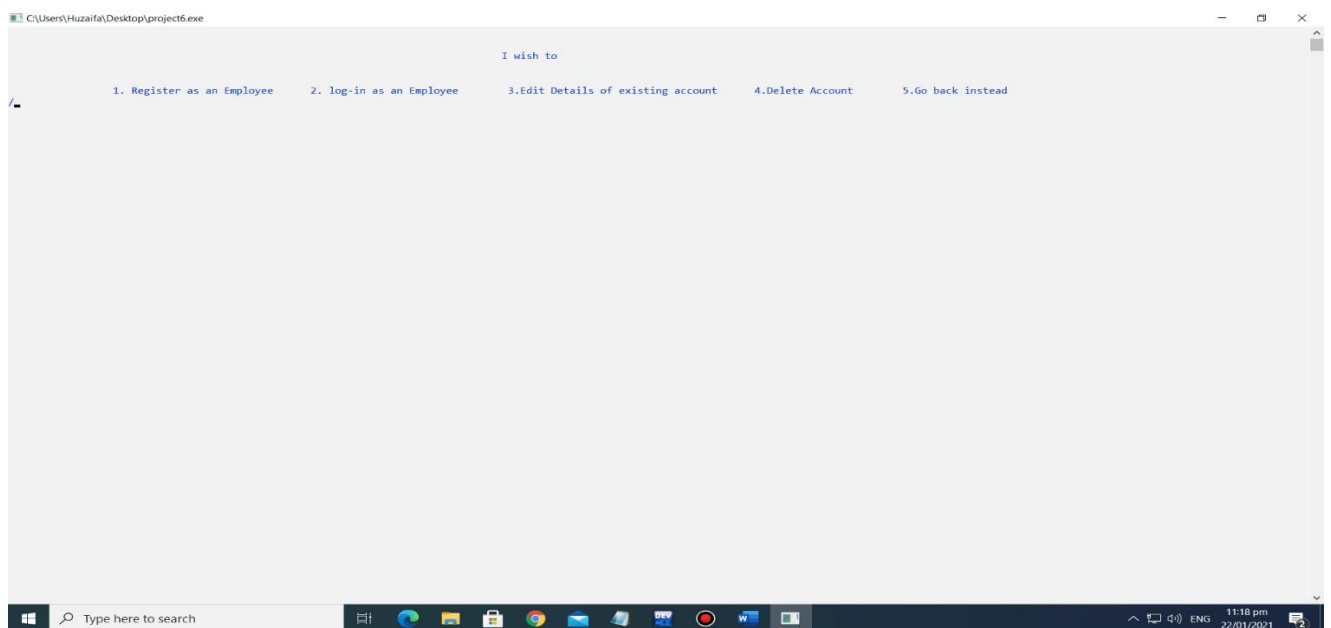
When project runs, main menu appears to make a selection of Employee or employer



1. Employee

After making the selection of Employee, 4 other options appear.

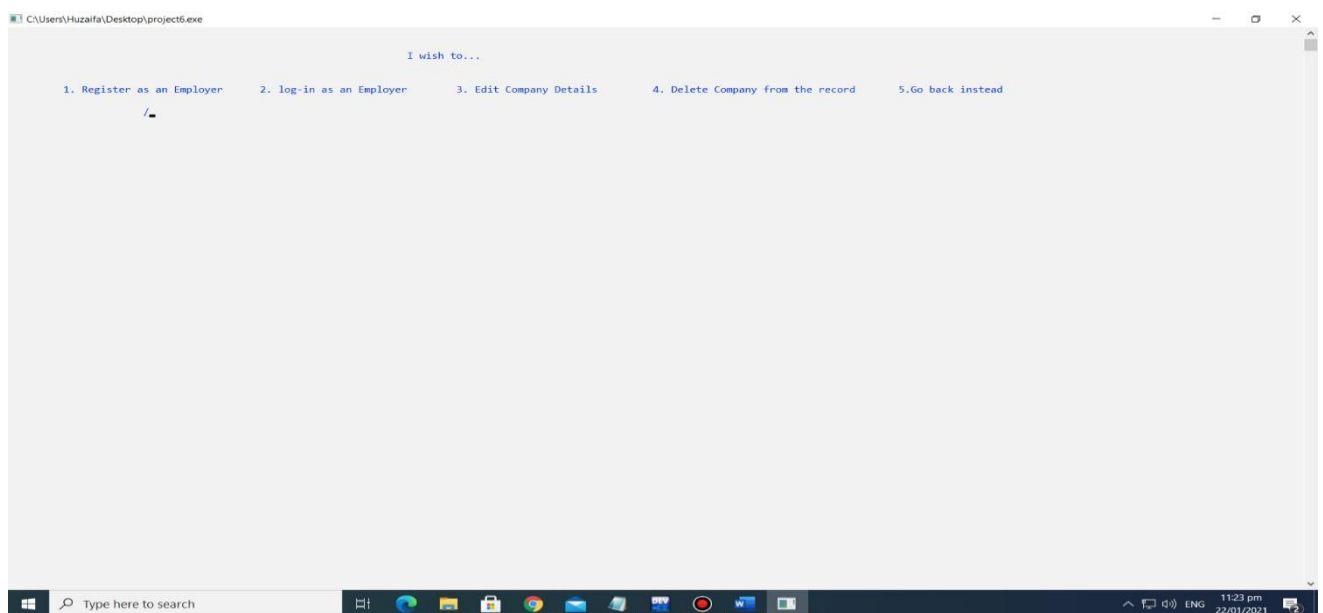
- Registration
- Login
- Edit Details
- Delete Account



2. Employer

After making the selection of Employer, 4 major options appear

- Registration of Companies
- Login
- Edit Company Details
- Delete Company from the record



PROBLEM ANALYSIS:

In the present era, there are many several platforms that assist the employees for the job seeking. Companies need Employees that have better experience and other requirements. Present platforms do not filter out the employees according to their requirements.

SOLUTION DESIGN:

This job base facilitates both jobseekers and companies. Jobseekers according to their respective fields can find the jobs while companies can filter out the

employees according to their requirements. On the basis of field, experience, age etc., company can filter out the employees for their need.

Features

- Employees and Companies database.
- Filter the Employees according to the company requirements.
- Tell the probability to the Employees of getting the job.
- Tell the recommendation percentage to the companies.
- Filing done on .txt files.
- Etc.

IMPLEMENTATION & TESTING:

The record of the employees and data is stored in txt files. From the data that is saved in txt files, filtration of employees and jobs have done. We have implemented all the possible features of C language according to our project. Some of them are following,

- Libraries
- Conditional Statements
- Conditional Operators
- Loops
- Switch Cases
- Functions (Call by reference and value)
- Structures
- Pointers
- Arrays
- Strings
- Pre-defined Function
- Filing on .txt files

PROJECT BREAKDOWN:

The structure of a project consists of no of screens

The database in the form of txt files

Etc.

RESULTS:

The program will display the details of the employees to the companies according to their requirements. It also finds the jobs according to the selected fields. It also finds the probability for an employee to get a particular job on the basis of experience.

CONCLUSION:

In a nut shell, this system will ease the process of job seeking and hiring. Companies can reach to their desired employees for their firms. It will transform the process of hiring and seeking.