

PROJECT ON PCS AUTOMATION

Developed By,

NAME : VISHNUPRIYA R

REGD NO : S211165200346

The logo of NIIT (National Institute of Information Technology) is displayed in a bold, blue, sans-serif font. The letters are thick and blocky, with a slight shadow effect behind them, giving it a three-dimensional appearance. The logo is centered horizontally and vertically within its container.

TITLE OF THE PROJECT

Batch Code :
Start Date :
End Date :
Name of the Coordinators : Mr. Dinesh Kumar
Name of the Developer :R.Vishnupriya

Date of Submission :

The logo of NIIT (National Institute of Information Technology) is displayed in a large, bold, blue serif font. The letters are thick and blocky, with a slight shadow effect behind them.

CERTIFICATE

This is to certify that this report , (**PCS AUTOMATION**) embodies the original work done by Vishnupriya R, in partial fulfillment of his course in NIIT.

Coordinator : Mr. Dinesh Kumar

ACKNOWLEDGEMENT

I hereby like to thank my program co-coordinator Mr. Dinesh Kumar for giving me project assistance throughout the completion of this project and also my colleague people who are all helped me in resolving the errors during the project work.

I thank NIIT institute for giving this opportunity to go on such a project. It also helped me in learning new things and also hands on experience in implementing the various things learnt in the programme.

ABSTRACT

Automation portal gives the Business Firm to get the required candidate for the required job. This application minimises the time requirement in the recruitment process by filtering out the registered candidates depending on the requirement. It also increases the productivity of the Human Resource department in the process of recruitment.

CONFIGURATION

Hardware	: Processor Intel Core(TM) i3-5005U CPU @ 2.00GHz 2.00 GHz Installed RAM 6.00 GB
Operating System	:64-bit operating system, x64-processor
Software Used	: Eclipse Java EE IDE Oxygen.3a Release

TABLE OF CONTENTS

Chapter 1 - Introduction

1.0 Aim

1.1 Objectives

1.2 Case Study

Chapter 2 - Project Requirement Specification

2.0 Literature Research

2.1 Statement of Requirements

2.2 Vision Document

Chapter 3 - Project Analysis

3.0 Project Life Cycle

3.1 Methodology

Chapter 4 - Project Design

4.0 Case Diagrams

4.1 Database Structure

4.2 User Interface Design

INTRODUCTION

1.0 AIM OF THE PROJECT :

The main aim of this project is to create an application that can allow users to register in the application and to apply for the jobs given by the company.

1.1 OBJECTIVE OF THE PROJECT :

The objective of this project is to automate the filtering process of candidates and gives admin to easily work on the process of employee recruitment.

1.2 CASE STUDY:

Actually its hard to look for the employee details in a hard copy on a paper and also for filtering out the qualities. If user registers for a job in a firm its quite hard to select them for the required posting as there will be many applications to survey,so some application is needed for easily filtering out the qualities.

Project Requirement Specification

2.0 LITERATURE SURVEY :

In order to map the Job seekers who could have be seeking for a job with a lot of talent in them, this application is developed.

With this Application the HR consultants could find lot more talent during the recruitment process. HR consultants were doing this process manually. In that manual process HR would take a lot of time in order to sort the proper talent.

2.1 STATEMENT OF REQUIREMENTS :

TITLE	PCS AUTOMATION
SUBTITLE	Automating the recruitment process
AUTHOR(S)	Vishnupriya R
AUTHOR'S EMAIL	Vishnuvishal181@gmail.com
AUTHORS PHONE	7502941925
DESCRIPTION	Creating a user friendly application
VERSION	3.0.5

VISION DOCUMENT

ABOUT THE COMPANY :

A leading software building company with high decades of experience in handling customer requests.

REQUIREMENTS :

- ❖ Eclipse
- ❖ H2 Database
- ❖ JRE
- ❖ Internet Facility

PROJECT GOALS:

- ❖ Minimising the recruitment time
- ❖ Filtering the candidates applied for job with ease

PROJECT STAKE HOLDERS :

1. Vishnupriya
2. Dinesh Kumar

FEATURES OF APPLICATION:

- ❖ Saves a lot of time by making your process easy.
- ❖ Improves the quality of your company

PROJECT ANALYSIS

3.0 PROJECT LIFE CYCLE :

- | | |
|---------------------|---|
| FIRST PHASE | :The initiation phase aims to define and authorize the project. |
| SECOND PHASE | : Overall approach to the project |
| THIRD PHASE | : Ways to apply the decisions |
| FOURTH PHASE | :In this phase, the decisions and activities defined during the planning phase are implemented. |
| FIFTH PHASE | : This is the last phase of any project, and it marks the official closure of the project. |

METHODOLOGY

CREATING A JAVA PROJECT
CREATING THE PACKAGES
CREATING THE FRAMES
USING JAVA SWINGS
CREATING MODEL CLASS
CREATING CONTROLLER CLASS
CREATING DAO INTERFACE
DAO CLASS IMPLEMENTATION
BUSINESS LAYER
DATABASE CONNECTION
PROGRAM EXECUTION

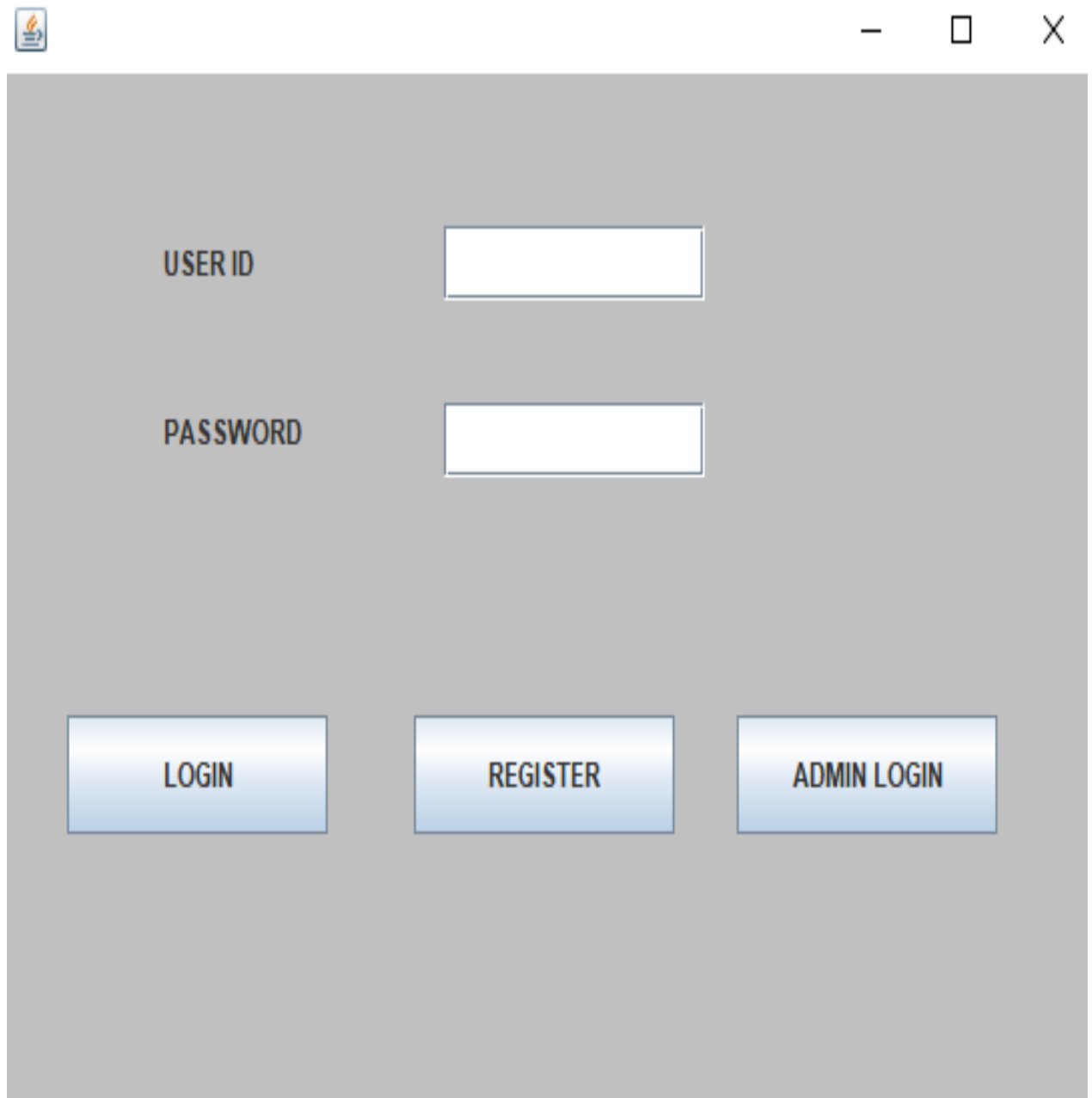
PROJECT DESIGN

4.1 DATABASE STRUCTURE :

```
1.create table user(
  Id int auto_increment,
  FirstName varchar(30) not null,
  LastName varchar(30) not null,
  UserId varchar(30) not null,
  Password varchar(30) not null,
  PhoneNumber varchar(30) not null,
  Gender varchar(30) not null,
  Active varchar(30) ,
  Skill varchar(30) );
2.create table appliedjob (
  JobId int,
  JobTitle varchar(20),
  JobDescription varchar(50),
  CompanyName varchar(20),
  KeySkill varchar(50),
  Location varchar(20),
  Salary varchar(20),
  Experience varchar(20),
  UserId varchar(20),
  UserName varchar(20),
  Mobile varchar(20),
  Gender varchar(20),
  Skill varchar(30),
  RequestedId int not null primary key auto_increment
  Status varchar(25));
3.create table job (
```

```
JobId varchar(20) auto_increment,  
JobTitle varchar(30),  
JobDescription varchar(30),  
CompanyName varchar(30),  
Location varchar(30),  
KeySkill varchar(30),  
Salary varchar(30),  
Experience varchar(30),  
Active varchar(30));  
4.create table admin(  
UserId varchar(20),  
FirstName varchar(20),  
LastName varchar(20),  
Password varchar(20),  
Role varchar(30),  
Gender varchar(20),  
Active varchar(20),  
EmployeeId int not null primary key auto_increment);
```

4.2 USER INTERFACE:



A screenshot of a web application's user interface. The interface is displayed within a window with a standard title bar containing a small icon on the left and three control buttons (minimize, maximize, and close) on the right. The main content area has a light gray background. It features two input fields: the first is labeled "USER ID" and the second is labeled "PASSWORD". Below these fields are three buttons: "LOGIN", "REGISTER", and "ADMIN LOGIN".

USER ID

PASSWORD



USER REGISTRATION



USER REGISTRATION FORM

ENTER YOUR FIRST NAME

ENTER YOUR LAST NAME

GENDER

 ▼

ENTER PASSWORD

ENTER CONFIRM PASSW...

ENTER USER ID

ENTER PHONE NUMBER

SUBMIT

USER LOG...

WELCOME HUMAN

[VIEW PROFILE](#)

[UPDATE PROFILE](#)

[ADD/UPDATE SKILL](#)

[APPLY JOB](#)

[APPLIED STATUS](#)

[LOGOUT](#)

USER ID

PASSWORD

CHECK IN!

USER LOGIN

USER REGIST...

WELCOME TO HR PORTAL

VIEW USER

VIEW ALL USERS

VIEW JOB

VIEW ALL JOB

ACTIVATE JOB

DEACTIVATE JOB

DELETE USER

VIEW ALL REQUEST

LOGOUT

WELCOME TO PME PORTAL

ADD JOB

UPDATE JOB

DELETE JOB

VIEW JOB

VIEW ALL JOBS

LOGOUT