

A

Project Report on

# Job Portal Management System

Submitted to

Savitribai Phule Pune University

In the partial fulfillment of the requirement of the award of the degree of

Bachelor of Business Administration- Computer Application,

TYBBA -CA, Sem VI

Academic Year 2020-2021

By

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**Alandi (D) - Pune 412105**

## CERTIFICATE

### Department of Computer Application

This is to certify that Mr.**Ankitosh Kumar** of TYBBA-CA,Sem VI, Exam Seat No. **& Suraj Kumar** of TYBBA-CA,Sem VI,Exam Seat No. has successfully completed project work entitled Job Portal Management System in the partial fulfillment of the requirement of the degree of Bachelor Of Business Administrator-Computer Application for the Academic Year 2020-2021.

Prof. Vikash Mahandule  
Project Guide

Internal Examiner

Prof. Akshada Kulkarni  
Head of the Department

External Examiner

## **Acknowledgement**

The words are not enough to express my thanks to **Dr. B. B. Waphare, Principal, MIT Arts Commerce and Science College Alandi (D)** for providing me with the opportunity to avail the excellent facilities and infrastructure of the institute.

It is my proud privilege to express my profound gratitude to **Prof. Akshada Kulkarni, HOD, Computer Application Department**, for her astute guidance, constant encouragement and sincere support throughout my academic course.

I thanks to my honest gratitude to **Prof. Vikash Mahandule** for his/her inspiration, constructive suggestions and affectionate guidance in my project work completion.

Last but not the least, I express my sincere thanks to all my dear friends and family members for their constant motivation, moral support and invariable direction throughout my life.

## DECLARATION

I, **Ankitosh Kumar & Suraj Kumar**, hereby declare that this project work entitled **Job Portal Management System** submitted at MIT, Arts Commerce and Science College, Alandi(D), (Affiliated to Savitribai Phule Pune University) is a record of original work done by me under the supervision and guidance of Prof. Vikash Mahandule, Department of Computer Application.

Signature : :

- 1) Name of Student : Ankitosh Kumar & Roll No:-TB231
- 2) Exam Seat No.:
  
- 3) Name of Student : Suraj Kumar & Roll No:-TB208
- 4) Exam Seat No.:

Place : Alandi (D), Pune

Date : 11.June.2021

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## **INTRODUCTION**

The “Job Portal Management System” has been developed to override the problems prevailing in the practicing manual system.This software is supported to eliminate and in some cases reduces the hardships faced by this existing system.Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data.It also provides error messages while entering invalid data.Job Portal System(JPMS),as described above, can lead to error free,secure,reliable and fast management system.It can assist the user to concentrate on the record keeping.Thus it will help organization in better utilization of resources.

### **Modules:**

- 1.Login:** Login of admin/assistant. Create a login id and password if you are new user otherwise directly login by user id and password.
- 2.Registration:** Registration of admin , company as well as job seeker.
- 3.Homepage:** Homepage is provided.
- 4.Search:** Used for managing the details of job and company search.
- 5.Appointment:** Admin is going to fill the application form for job seeker for getting an appointment about interview call.
- 6.Maintainence:** Any record can be maintained like insertion and updation or searched with a single click, which update the database table.
- 7.Utility:** This is provided for only rough type work,Like calculating age,salary and notepad for doing some rough work and for keeping some notes about company.
- 8.Financial:** Financial modules help keep track of the fees collected for getting appointment and the expenses under various heads.
- 9.Reports:** Various types of reports are there which are mandatory for system.

## **STUDY OF EXISTING SYSTEM**

- In the existing system the exams are done manually but in proposed system we computerized the exams using this application.
- In existing system there is no any option for searching the company.
- Employee is needed for calculations.

## **CUSTOMER REQUIREMENT SPECIFICATIONS**

- Maintain information about job seeker.
- Maintain all documentations of the job seeker.
- Provide company with compassionate and quality company search.
- Maintain the complete information regarding the database
- Maintain company details and company registration.
- Enhance user/system interface.

## **PROBLEMS WITH EXISTING SYSTEM**

- Lack of data security.
- More man power
- Time consuming.
- Money loss.
- Consumes large volume of pare work.
- Needs manual calculations.
- No direct role for the higher officials.

## **SCOPE OF THE PROPOSED SYSTEM**

The objective of the proposed system is to develop a system of improved facilities. The proposed system will work according to the standards laid down by the existing system.

- To develop a user-friendly system.
- Security of data.
- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimize time needed for the various processing.
- To generate all the required reports accurately and promptly.
- To keep a check on the data processed to avoid errors.
- To ease the process of editing and updating.
- To provide authorized access to the system.

## **OBJECTIVES OF PROPOSED SYSTEM**

### **FACT FINDING TECHNIQUE**

To study entire Job Portal Management System a few of the fact finding techniques were used. They are listed as under-

❖ **Registration**

- Registration is done in order to submit the application form of job seeker.
- He explained the entire procedure followed for Job Portal Management System. They provided the complete knowledge of the working of the software.

❖ **Document Study**

The documents and registers maintained by company were studied.

The documents studied are listed below:

- Application form for adding new job seeker.
- Application form for also adding new company.
- Bill was generated for application form filling.
- Payment for the automated bill generation in the software.

❖ **Observation**

I visited the office to talk with the admin .The whole day was spent in the office. The files were studied to get a proper idea of the happenings of the application form filling and updation process.

### **FEASIBILITY STUDY**

❖ **ECONOMIC FEASIBILITY**

Economic feasibility analysis is most frequently used technique for evaluating the effectiveness of the proposed system. It is also known as cost/benefit analysis. The proposed computerized system is economically feasible. The development of the proposed system does not result in extra expenditure. The existing software and hardware will fulfill the requirements of the proposed system. Thus the proposed system is economically feasible.

## ❖ TECHNICAL FEASIBILITY

The technical feasibility studies of function performance and constraints that may affect the ability to achieve an acceptable system are considered. Technical feasibility enters around the existing computerized system. In the proposed system if networking is required then it supports the system. To improve the efficiency and effectiveness the organization may adopt the new technologies will be applied in the proposed system.

## ❖ OPERATIONAL FEASIBILITY

The project can be operated on any operating system, it only requires MS ACCESS for backend and JAVA for user interface.

### HARDWARE SPECIFICATION

- Client Configuration

**Client: Pentium IV**

**RAM: 2 GB**

**HDD: 40 GB**

**Others: Optical mouse, Monitor, Keyboard**

### SOFTWARE SPECIFICATIONS

- **Client Installation:** Windows 10 Home  
Windows 7 Ultimate  
Windows XP

### SOFTWARE USED FOR DEVELOPMENT

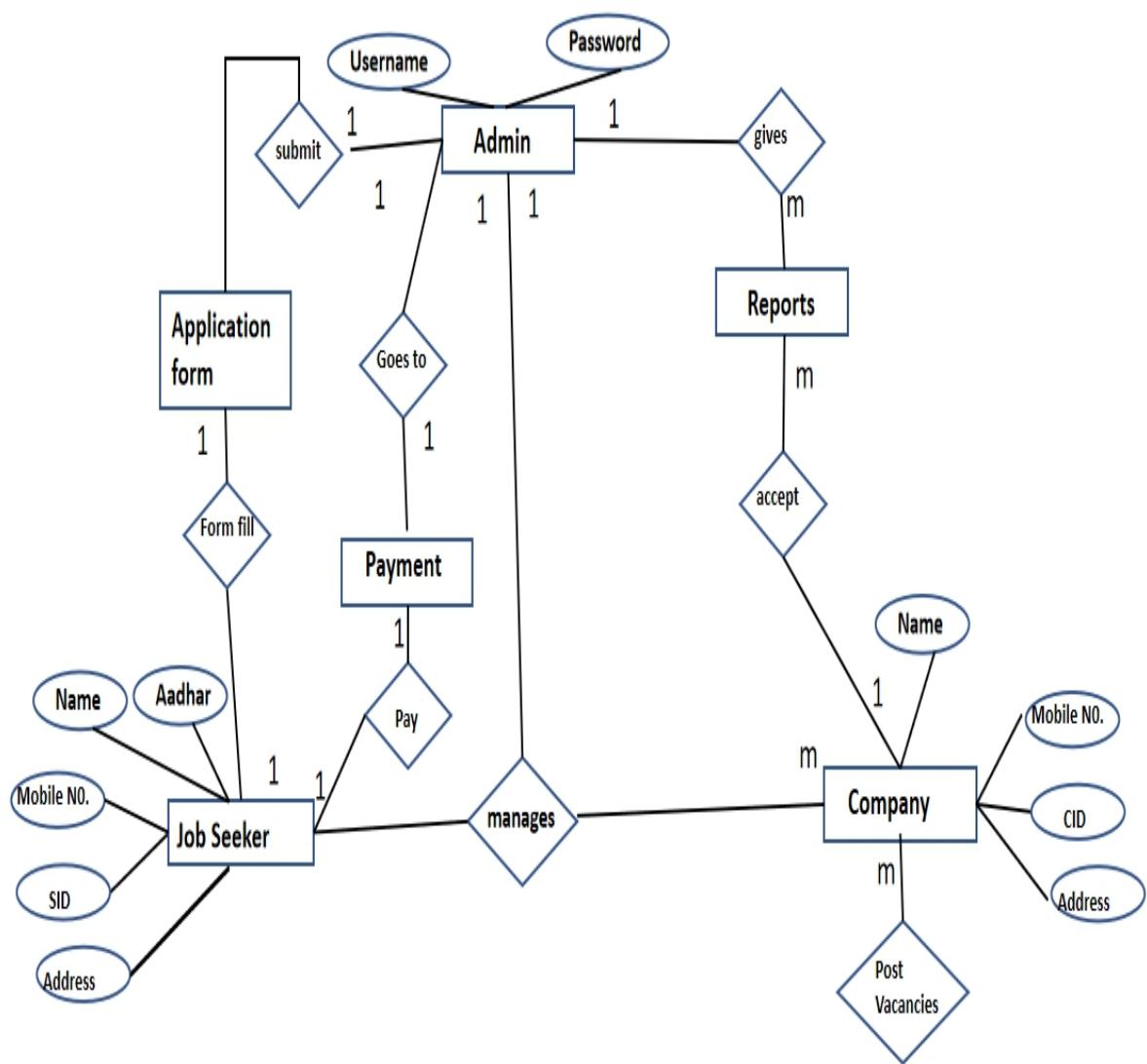
**Operating System:** Windows 10 Home

**Backend:** MS Access 2007

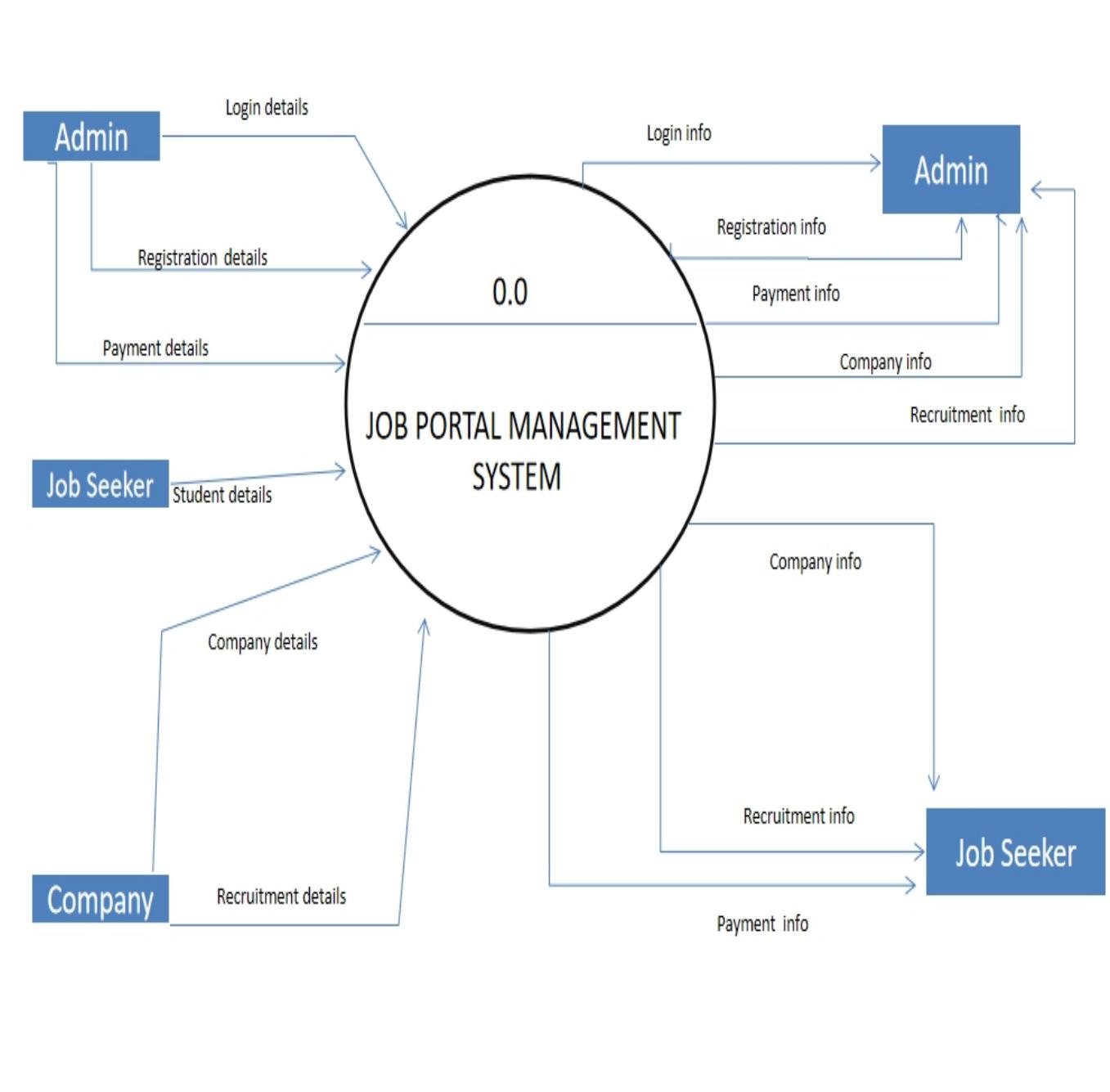
**Frontend:** Java

**Other Tools:** Data Report

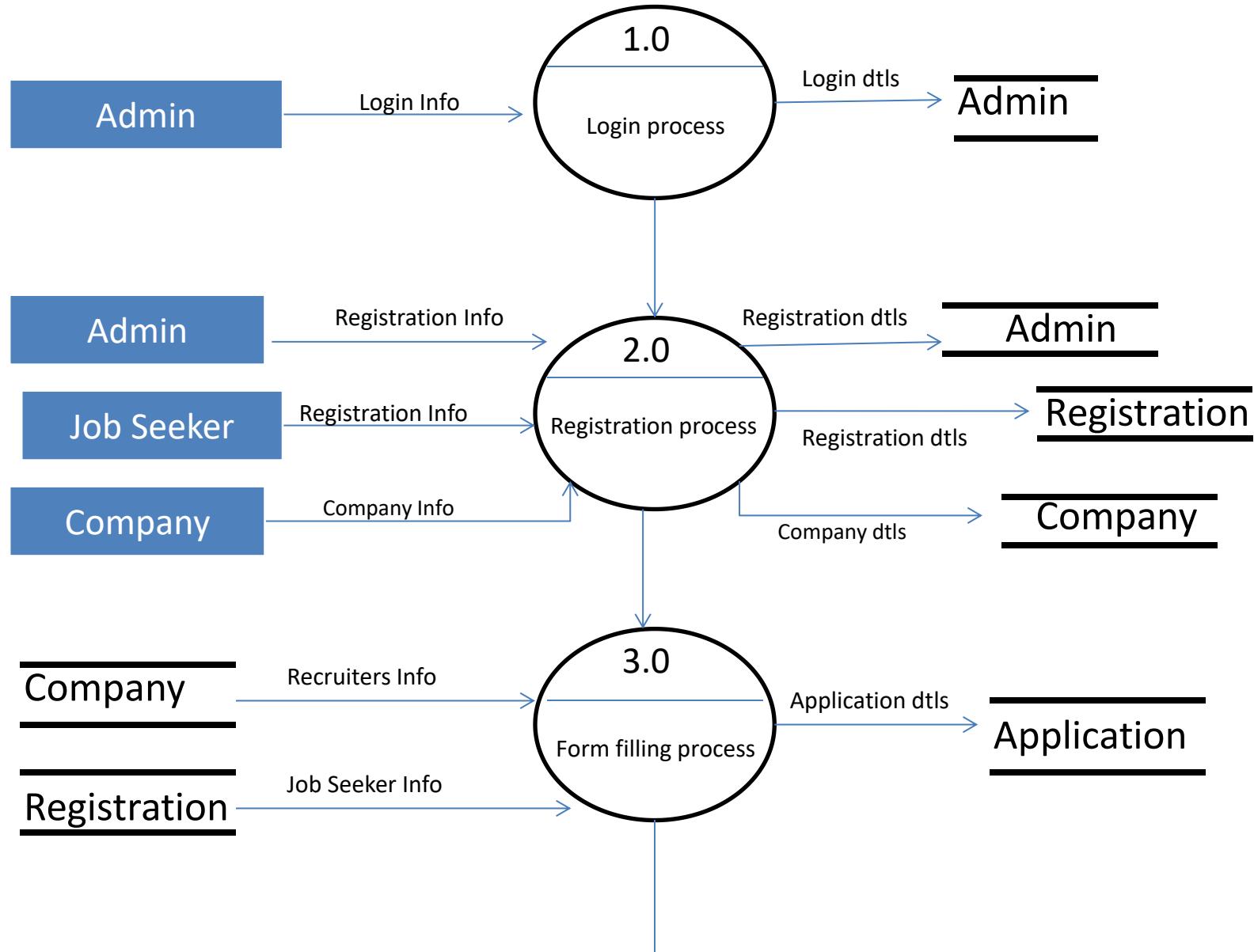
## ENTITY RELATIONSHIP DIAGRAM

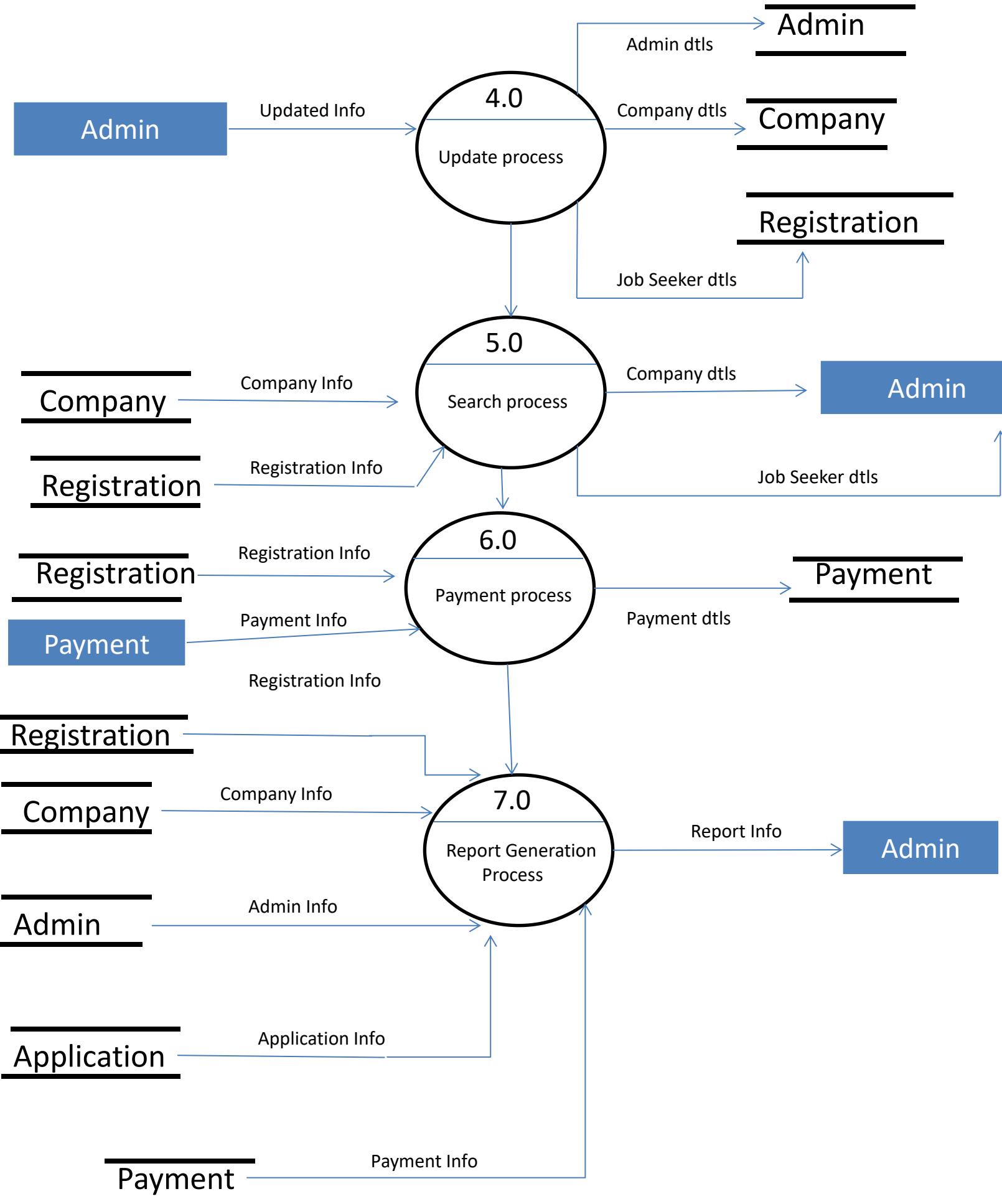


## CONTEXT LEVEL DIAGRAM



## DATA FLOW DIAGRAM





## **DATA DICTIONARY**

## Login table

The screenshot shows the Microsoft Access application interface. The title bar reads "db : Database (Access 2002 - 2003 file format) - Microsoft Access". The ribbon menu is open, with "Table Tools" selected. The "Datasheet" tab is active. The toolbar includes standard options like Home, Create, External Data, Database Tools, and Views. Below the toolbar are sections for Font (Calibri, size 11, bold, italic, underline, etc.) and Rich Text. On the right side of the ribbon, there are buttons for New, Save, Totals, Spelling, Refresh All, Delete, More, Filter, Advanced, Toggle Filter, Find, Go To, and Select. A "Security Warning" message is displayed at the top left, stating "Certain content in the database has been disabled". The left pane shows the "Tables" list with entries: admin, application, company, payment, and registration. The main area displays the "admin" table in Datasheet view. The table has columns: ID, name, user, pass, and mob. It contains three rows: one with ID 1, name ashish, user ashish, pass bca, and mob empty; one with ID 3, name Suraj, user Suraj, pass kiku, and mob 5698563256; and a new row marked with an asterisk (\*) and labeled "(New)" for all fields.

ID	name	user	pass	mob
1	ashish	ashish	bca	
3	Suraj	Suraj	kiku	5698563256
*	(New)			

## Application Table

The screenshot shows the Microsoft Access interface with the 'Tables' ribbon tab selected. The main area displays the 'application' table with the following data:

ID	rid	cid	aname	aadd	amob	aquali	cname	cpost	cquali
1	2	2							
2	2	2	ASHISH	PUNE	1234	BCA	INFOSYS	S/W DEVELOPE	MCA,ME
3	3	3	ankitosh kumar	pune	12345	BCA	TCS	Developer	MCA
4	3	2	ankitosh kumar	pune	1234	BCA	INFOSYS	S/W DEVELOPE	MCA,ME
5	3	2	ankitosh kumar	pune	12345687	BCA	INFOSYS	S/W DEVELOPE	MCA,ME
6	4	4	sam	546613232	patna	bca	Cognizant	Customer Asst.	MCA

The left sidebar shows the database structure with tables: admin, application, company, payment, and registration. The 'application' table is currently selected.

## Company

### Table

The screenshot shows the Microsoft Access application interface with the 'Datasheet' tab selected. The title bar indicates the database is 'db : Database (Access 2002 - 2003 file format) - Microsoft Access'. The ribbon menu has 'Table Tools' selected. On the left, a tree view shows tables: admin, application, company (selected), payment, and registration. The main area displays the 'company' table with the following data:

ID	name	post	postno	qualification	Add New Field
1	INFOSYS	S/W DEVELOPE	5	MCA,ME	
2	Wipro	CEO	1	10th	
3	Cognizant	Customer Asst.	5	MCA	
4	M-Phasis	Graduate Trainee	10	BBA(CA),MCA,B	
*	(New)				

## Customer Table

The screenshot shows the Microsoft Access application interface with the 'Datasheet' tab selected. The title bar indicates the database is 'db : Database (Access 2002 - 2003 file format) - Microsoft Access'. The ribbon menu has 'Table Tools' selected. On the left, a tree view shows tables: admin, application, company, payment (selected), and registration. The main area displays the 'payment' table with the following data:

ID	name	add	mob	adhar	edu	status	Add New Field
1	ASHISH	PUNE	1234	12345678	BCA	FRESHER	
2	sam	patna	546613232	23323312	bca	fresher	
3							
4	Atul	5689562354	UP	0000000000	BCOM	Experienced	
5	Gulshan	Bihar	56689558	111111000000	MCA	Experienced	
*	(New)						

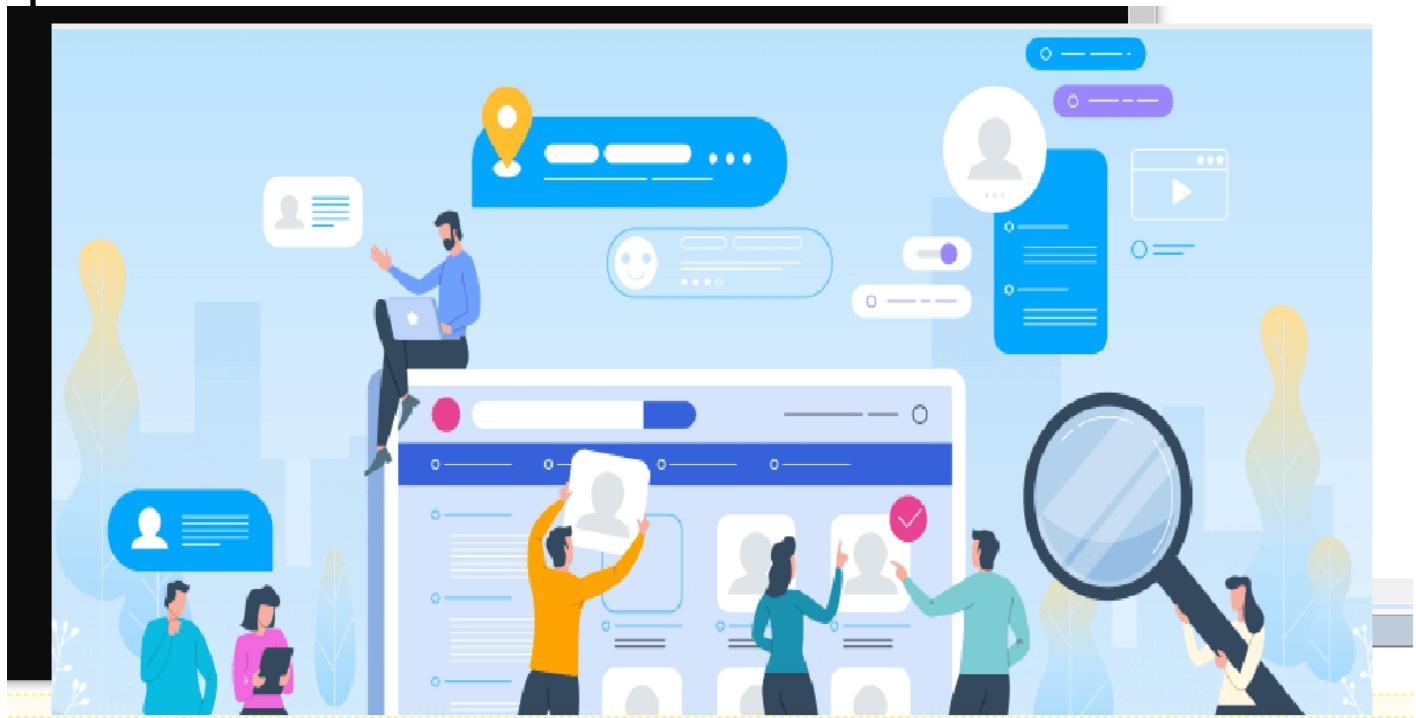
## Payment Table

The screenshot shows the Microsoft Access application interface with the 'Tables' ribbon selected. The 'payment' table is currently open in Datasheet view. The table has columns: ID, rid, name, mob, amt, and mode. The data in the table is as follows:

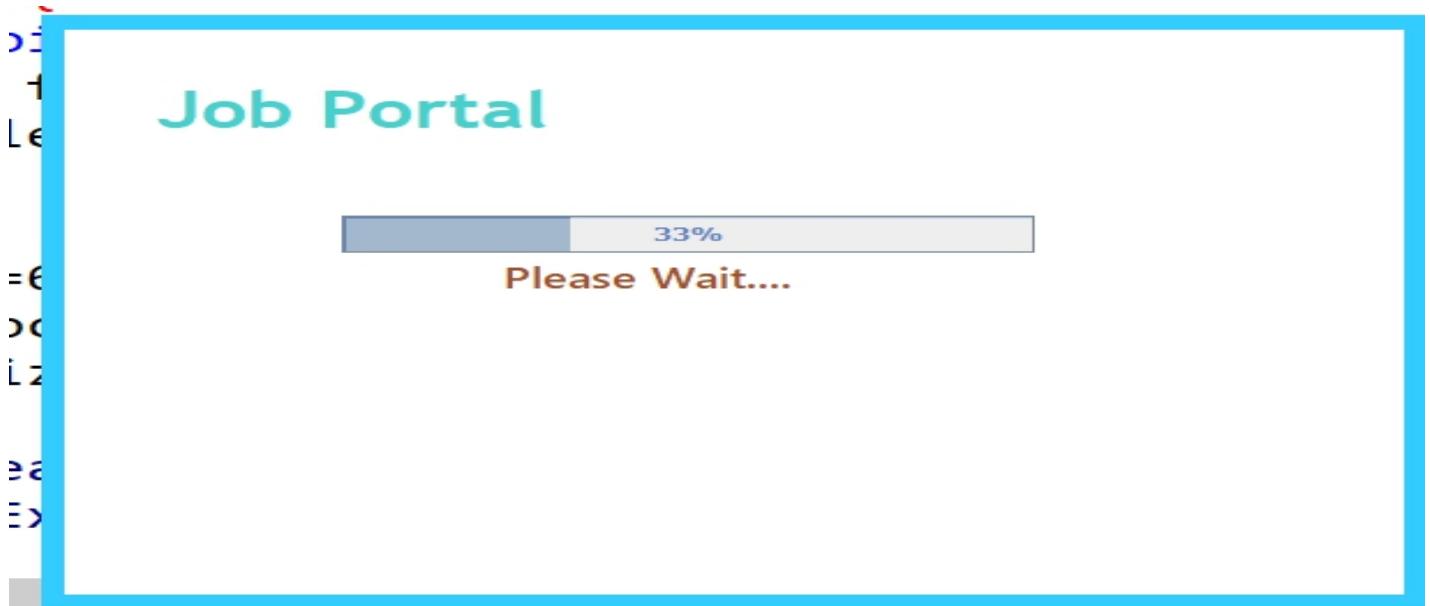
	ID	rid	name	mob	amt	mode	Add New Field
admin	1	2	ASHISH	1234	50	ONLINE	
application	2	3	ankitosh kumar	12345687	120	ONLINE	
company	3	4	ankitosh kumar pune		50	OFFLINE	
payment	4	5	ankitosh kumar pune		100	ONLINE	
registration	5	6	Ankitosh	54655464646	50	OFFLINE	
	*	7	sam	4565895666	100	ONLINE	
		(New)					

## FORM DESIGN

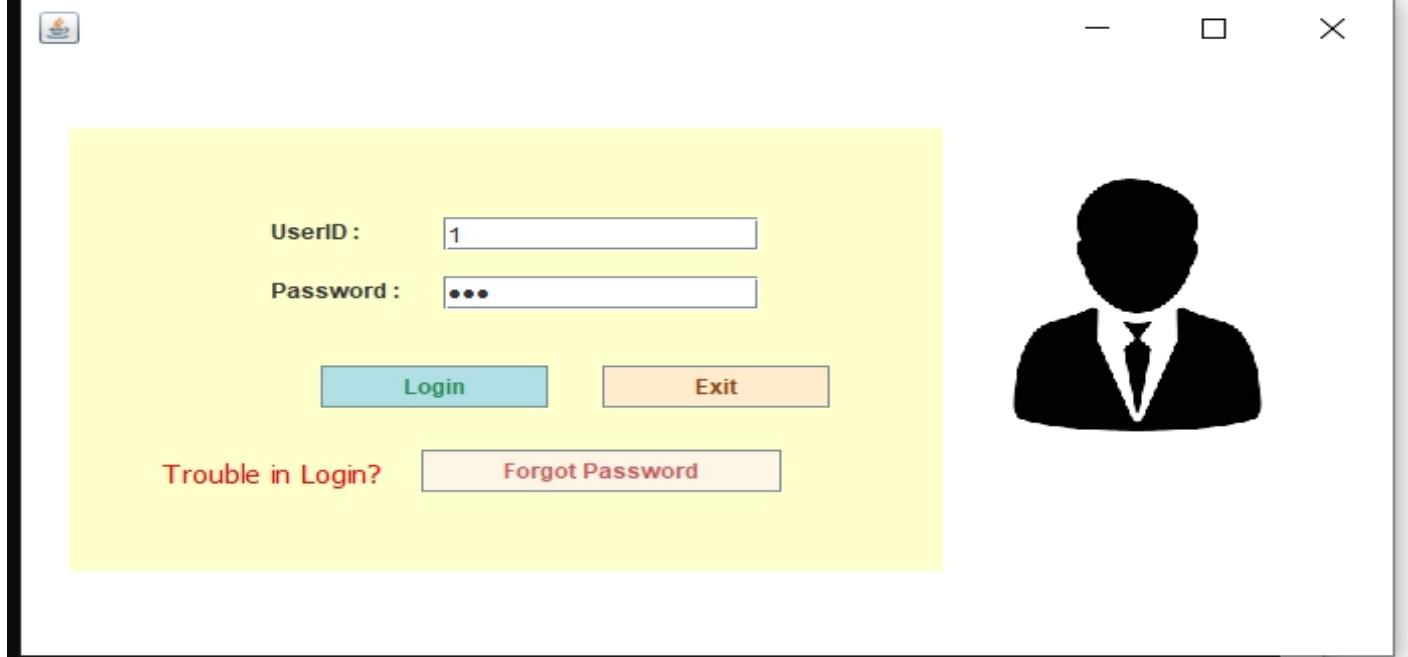
Splash



Loading Form



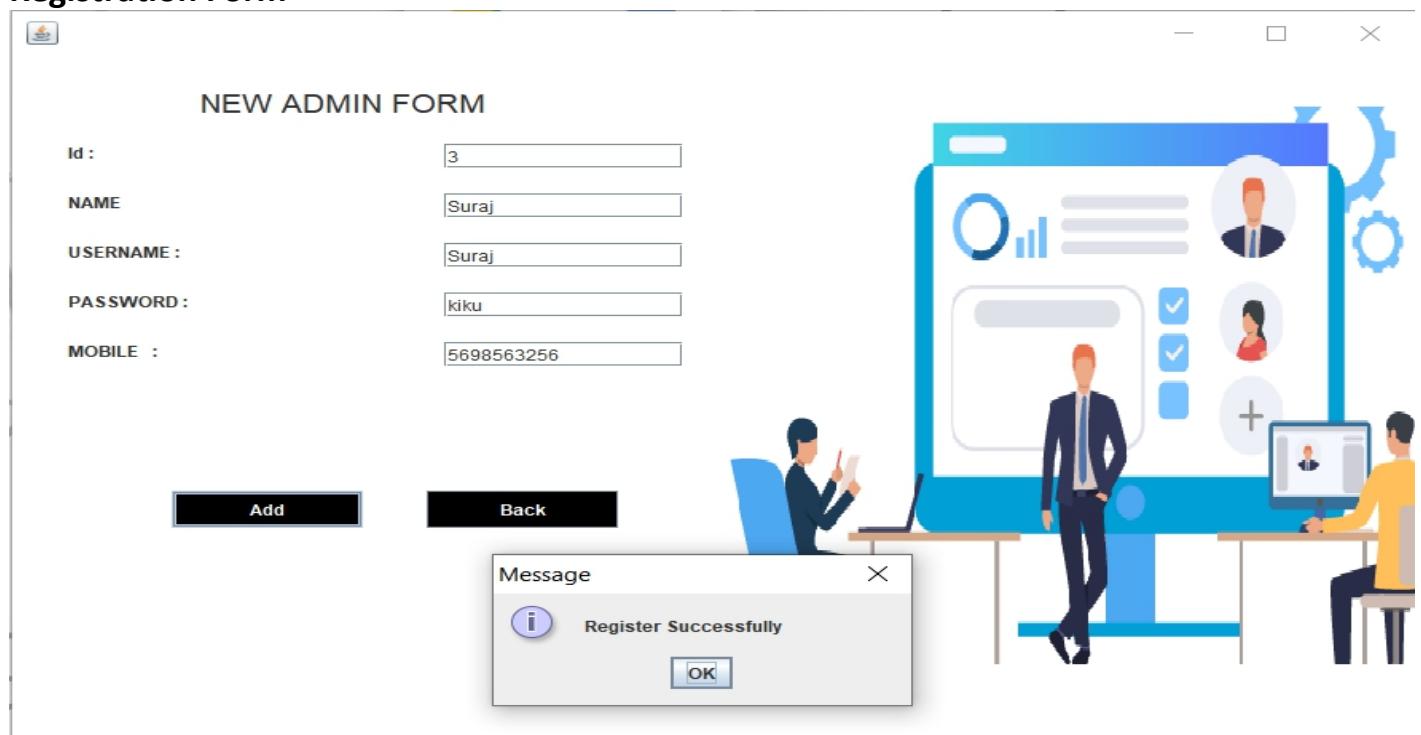
## Log in Form



## Reset Password



## Registration Form

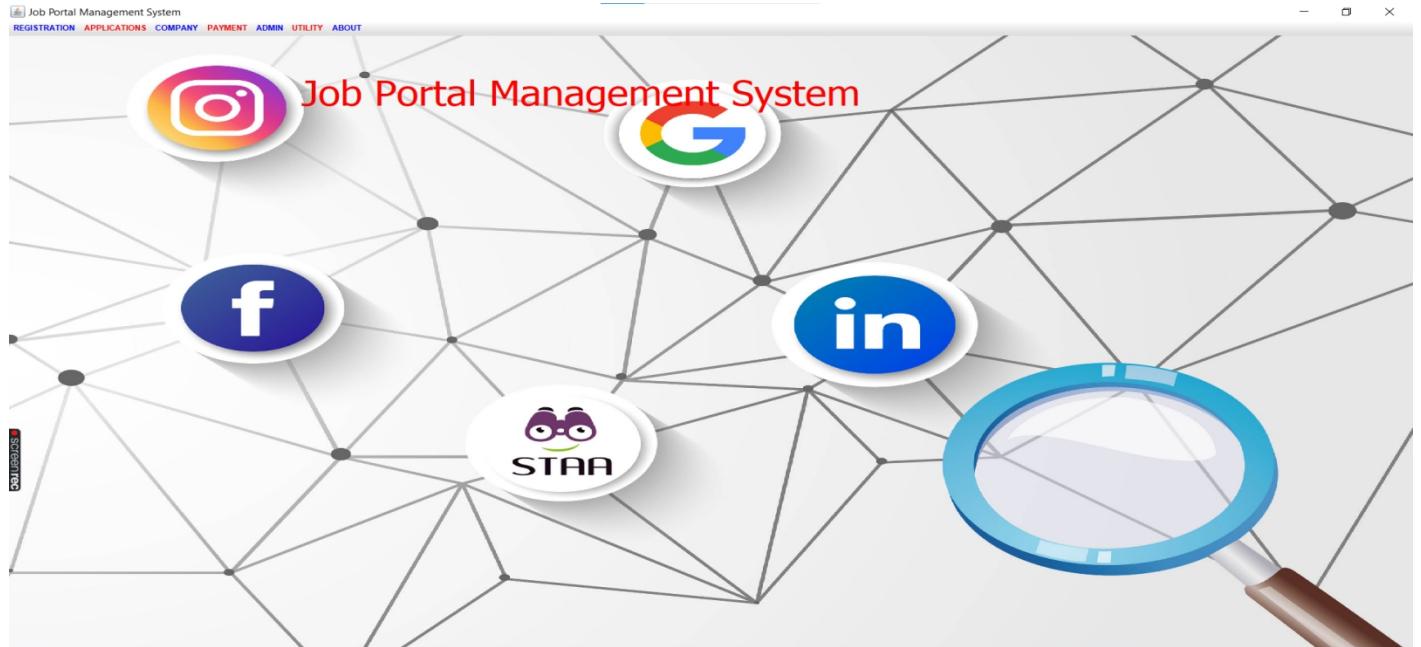


A screenshot of a Windows application window titled "NEW ADMIN FORM". The form contains five text input fields:

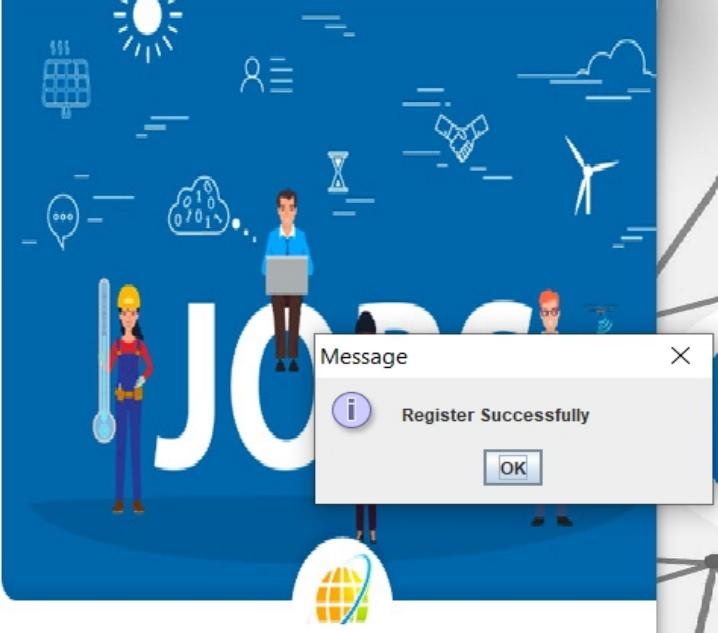
Id :	3
NAME	Suraj
USERNAME :	Suraj
PASSWORD :	kiku
MOBILE :	5698563256

Below the form are two buttons: "Add" and "Back". A message box in the center says "Register Successfully" with an "OK" button. To the right of the form is a decorative illustration of three people interacting with a large smartphone displaying a user interface with icons like a bar chart, a person profile, and checkmarks.

## Menu Form



## Customer Registration Form



NEW REGISTRATION FO...

Id :	<input type="text" value="8"/>
NAME	<input type="text" value="Kiku Kumar"/>
ADDRESS :	<input type="text" value="telaiya"/>
MOBILE :	<input type="text" value="2568957458"/>
ADHAR NO :	<input type="text" value="3212365412563"/>
EDUCATION :	<input type="text" value="BBA"/>
STATUS:	<input type="text" value="Fresher"/>

**Add**    **Back**

**Message**

**i** Register Successfully

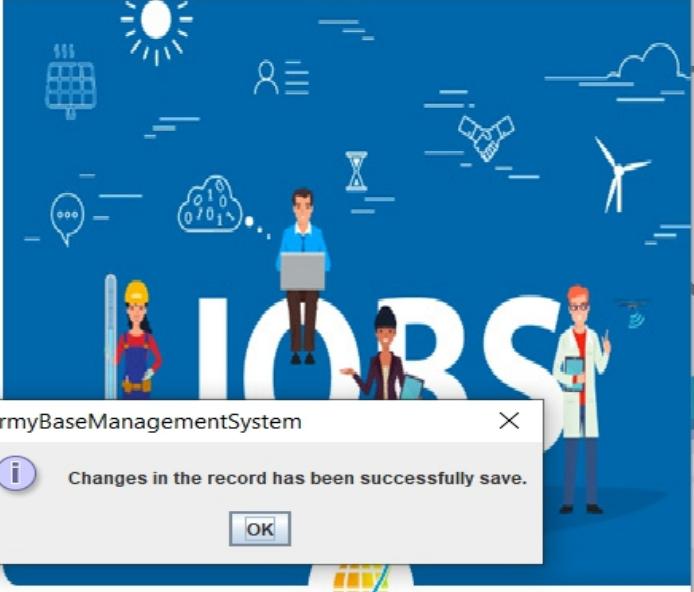
**OK**

## Customer Update Form

UPDATE REGISTRATION ...

Id :	8
NAME	Sachin
ADDRESS :	telaiya
MOBILE :	5698568562
ADHAR NO :	325478951023
EDUCATION :	BCOM
STATUS:	Experienced

**Update**    **Back**



ArmyBaseManagementSystem

Changes in the record has been successfully save.

OK

## Application Vacancy Form

Retrieve Post Info By Name

Select post Name

no	name	post	seats	Qualification
2	INFOYSYS	S/W DEVELOPER	5	MCA,ME
4	Cognizant	Customer Asst.	5	MCA
3	Wipro	CEO	1	10th

## Company Registration Form

NEW APPLICATION DETAILS

ID:	4	4	Check
NAME:	sam	COMPANY:	Cognizant
ADDRESS:	patna	POST:	Customer Asst.
MOBILE:	546613232	QUALIFICATION:	MCA
EDUCATION:	bca		
APPLICATION ID:	6		



**Message**

Register Successfully

OK

Add Back

## Delete Admin Form

DELETE ADMIN FORM

Id :	2
NAME	Sam
USERNAME :	sam
PASSWORD :	sunny
MOBILE :	5698569854



Delete Back

## Delete Company Form

DELETE COMPANY FORM

Id :	<input type="text" value="5"/>
NAME	<input type="text" value="Murga Company"/>
POST :	<input type="text" value="Murga Katewala"/>
NO OF SEATS :	<input type="text" value="5"/>
REQ.QUALIFICATION :	<input type="text" value="10 fail"/>

**Delete**    **Back**



## Delete Customer Form

DELETE REGISTRATION DET...

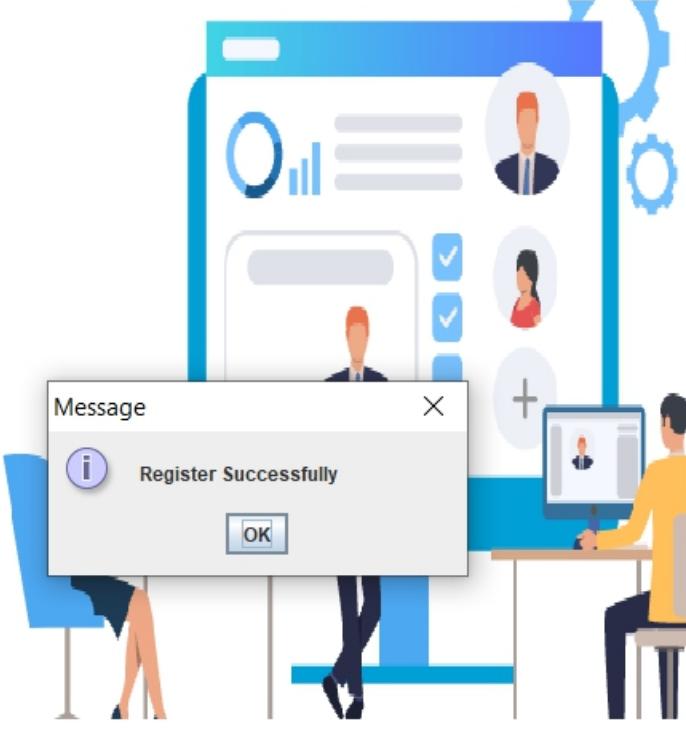
ID:	<input type="text" value="8"/>	<input type="button" value="Check"/>
NAME:	Sachin	
ADDRESS:	5698568562	
MOBILE:	telaiya	
ADHAR NO :	325478951023	
EDUCATION :	BCOM	
STATUS :	Experienced	



## New Company Registration Form

NEW COMPANY FORM

Id :	<input type="text" value="6"/>
NAME	<input type="text" value="M-Phasis"/>
POST :	<input type="text" value="Graduate Trainee"/>
NO OF SEATS :	<input type="text" value="7"/>
REQ.QUALIFICATION :	<input type="text" value="BBA(CA)"/>



## Payment Form



PAYMENT FORM

Id :	7
REG.ID	4
NAME :	sam
MOBILE :	4565895666
AMOUNT :	100
MODE :	ONLINE

Add Back

Message

Register Successfully

OK

## Update Admin Form



UPDATE ADMIN FORM

Id :	2
NAME	Sam
USERNAME :	sam
PASSWORD :	sunny
MOBILE :	5698569854

Update Back

ArmyBaseManagementSystem

Changes in the record has been successfully save.

OK

## Update Company Registration Form



UPDATE COMPANY FORM

Id :	6
NAME	M-Phasis
POST :	Graduate Trainee
NO OF SEATS :	10
REQ.QUALIFICATION :	BBA(CA),MCA,BBA,BCOM

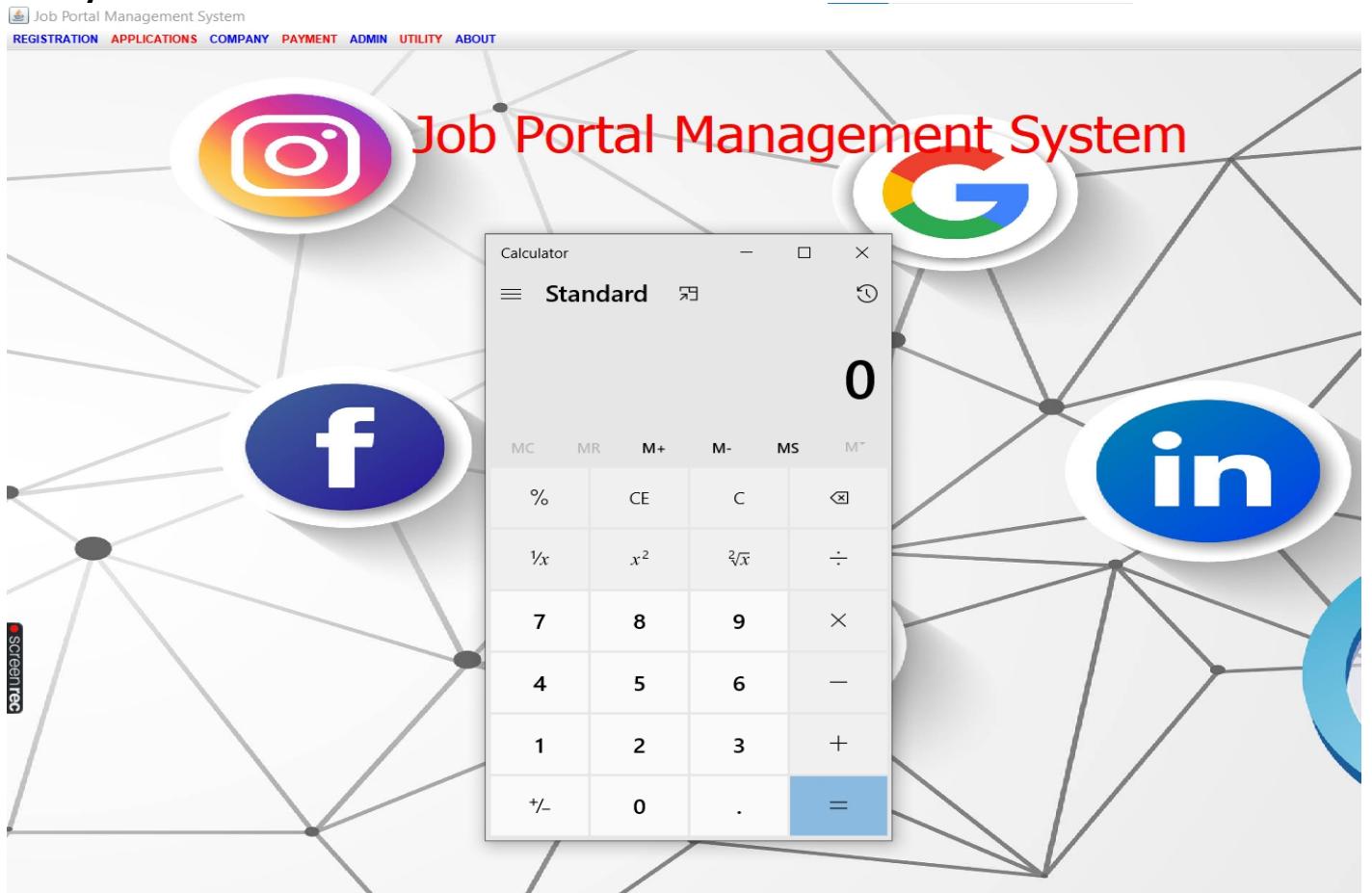
**Update**    **Back**

ArmyBaseManagementSystem

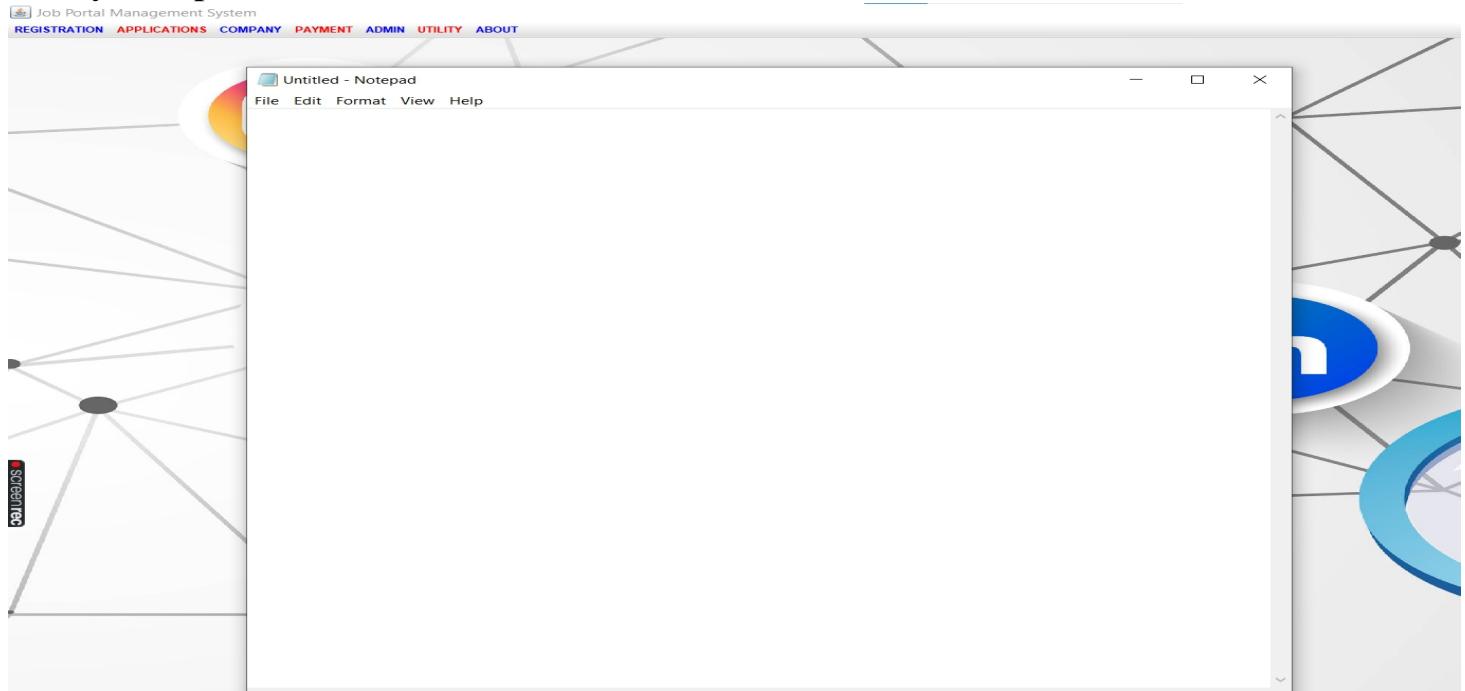
**i** Changes in the record has been successfully save.

**OK**

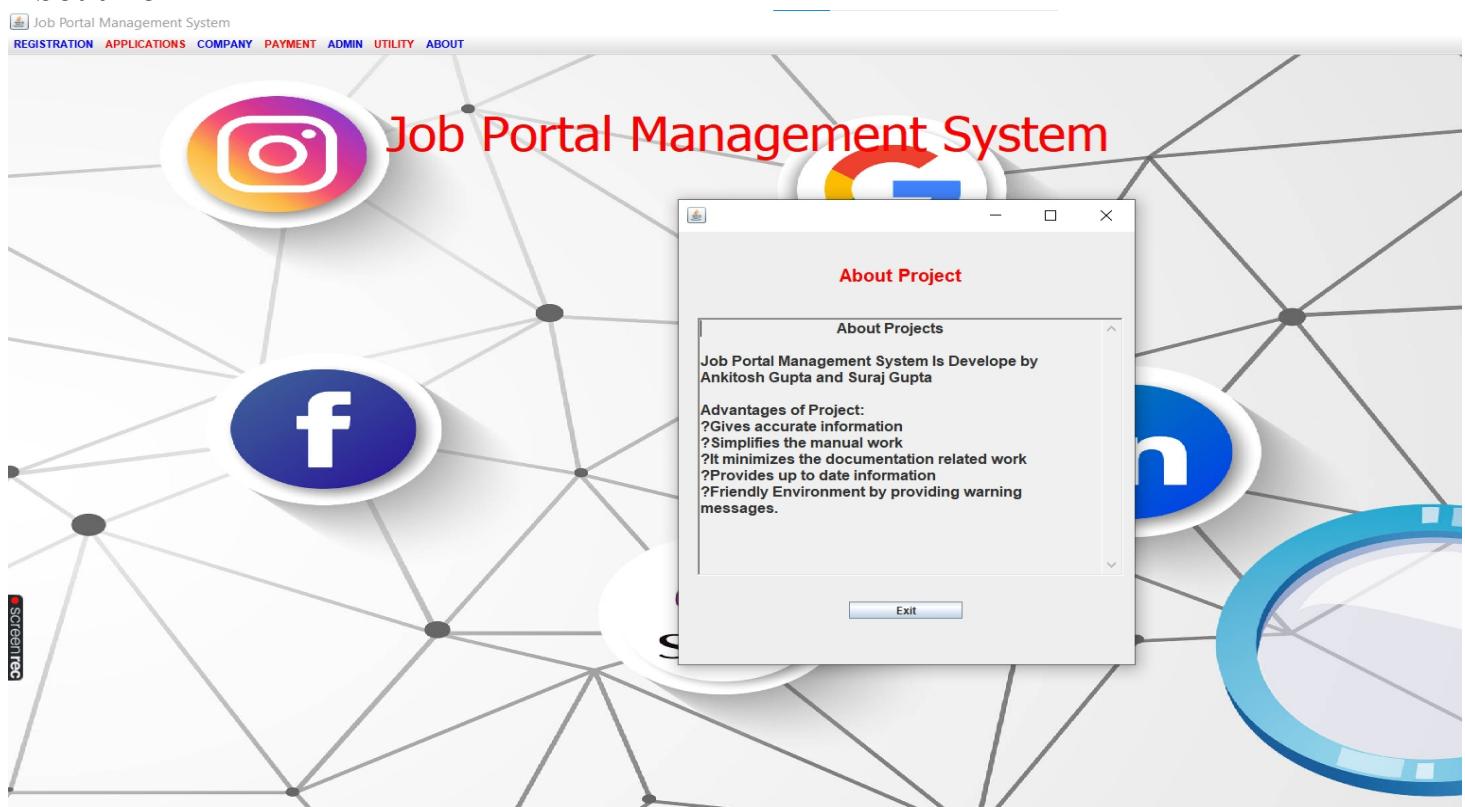
## Utility Calculator Form



## Utility Notepad Form



## About Form



## **REPORT DESIGN**

### **Admin Report**



A screenshot of a Windows application window titled "Admin Report". The window contains a table with five columns: ID, NAME, USERNAME, PASSWORD, and MOBILE. There are two rows of data: one for ID 1 with NAME "ashish", USERNAME "ashish", and MOBILE number "5698563256"; and another for ID 3 with NAME "Suraj", USERNAME "Suraj", and MOBILE number "5698563256". The table has a light gray background and dark gray header rows. The application window has standard minimize, maximize, and close buttons at the top right.

ID	NAME	USERNAME	PASSWORD	MOBILE
1	ashish	ashish	bca	
3	Suraj	Suraj	klku	5698563256

## Application Report

 Retrieve Post Info By Name

Select Id

▼

Show

Reset

Cancel

Id	rid	cid	name	add	mob	qualificat..	cname	cpost	cquali
6	4	4	sam	546613...	patna	bca	Cognizant	Custom...	MCA
5	3	2	ankitosh...	pune	12345687	BCA	INFOYS...	S/W DE...	MCA,ME
1	2	2							
2	2	2	ASHISH	PUNE	1234	BCA	INFOYS...	S/W DE...	MCA,ME
6	4	4	sam	546613...	patna	bca	Cognizant	Custom...	MCA
3	3	3	ankitosh...	pune	12345	BCA	TCS	Developer	MCA

## Company Reports

Customer Report

- D X

ID	NAME	ADDRESS	MOBILE	ADHAR	EDUCATION	STATUS
1						
2	ASHISH	PUNE	1234	12345678	BCA	FRESHER
4	sam	patna	546613232	23323312	bca	fresher
5						
6	Abul	5689562354	UP	0000000000	BCOM	Experienced
7	Gulshan	Bihar	56895658	111111000000	MCA	Experienced

## Customer Report



- D X

ID	NAME	ADDRESS	MOBILE	ADHAR	EDUCATION	STATUS
1						
2	ASHISH	PUNE	1234	12345678	BCA	FRESHER
4	sam	pahna	546613232	23232312	bca	fresher
5						
6	Atul	5689562354	UP	0000000000	BCOM	Experienced
7	Gulshan	Bihar	56889558	111111000000	MCA	Experienced
8	Sachin	5698568682	telaija	325478951023	BCOM	Experienced

# Payment Report

ID	APPID	NAME	MOBILE	AMOUNT	MODE
1	1				
2	2	ASHISH	1234	50	ONLINE
3	3	ankitosh kumar	12345687	120	ONLINE
4	2	ankitosh kumar	pune	50	OFFLINE
5	2	ankitosh kumar	pune	100	ONLINE
6	2	Ankitsh	54655464646	50	OFFLINE
7	4	sam	45658956666	100	ONLINE

## **Advantage**

- As we discussed above about the examination system we attached whatever type of exam will be going to be held by an organisation we attached that link throughout the account of the user.
- The aim of proposed system is to develop a system of improved facilities.
- The proposed system can overcome all the limitations of the existing system.
- The system provides proper security and reduces the manual work.

## **SYSTEM LIMITATIONS**

- Project does not support an online system, so we can't operate it from somewhere else.
- The software is only available for the admin and not the user.
- The admin has the facility to operate the system.
- Upgrading is main problem because for a offline application it is not possible to upgrade and upload it on server.
- It can not handle by multiple users at a time.

## **FUTURE ENHANCEMENTS**

This project can be enhanced further by developing an Online Website. Also we can develop a full-fledged accounting module. This software is flexible enough to be modified and implemented as per future requirements.

## **BIBLIOGRAPHY**

Reference books:

**1. Java2 – The Complete Reference**

➤ Herbert Schildt

**2. Core Java2 – Volume1 and 2**

➤ Say S.Horstmann, Gary Cornell

**3. Fundamental of Database Designs**

➤ Elmasri and Navathe

Websites:

[www.google.com](http://www.google.com)

[www.quora.com](http://www.quora.com)

[www.wikipedia.com](http://www.wikipedia.com)

[www.javatpoint.com](http://www.javatpoint.com)

[www.tutorials.com](http://www.tutorials.com)