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Chapter 6:

CHAPTER 1

1. Introduction:

1.1Introduction

The project “worker management system” is a software which is basically developed to satisfy the need of worker as well as user. This software provides such facility which able to search worker as per the convenience. This software is developed by considering organisation which handle this software.

For enhancing user interface, we use **java** language which provide great GUI. For storing the data, we use **Oracle** database. Our main task is to storing, searching & comparing data as per user input.

There are main three modules which represent our software.

1.Login: - This module designed for security purpose.

2.User: This module is designed for searching the workers as per user convenience and also displaying the result.

3.Worker: This module is designed for storing worker information on database.

1.2 Necessity

- This Software is efficient than traditional Methods of calling each and every Worker.
- There are lots of worker who have all required knowledge regarding particular field but still they don’t get work.
- Shifted Users from their native place won’t get Workers due to lack of contact in the new places.

1.3 Objective

- To provide Security for third person to access this software except **Admin.**
- Software is to store worker information on database and Display the list of workers to the users according to their necessities.

1.4Theme

The main theme of our project is, it is one kind of computer application. The application provides workers to the user overcoming traditional way of calling Worker by phone. We provide it through an Organizations.

1.5Report Organization: The project report is organized as follows:

1.5.1 Chapter 1: Introduction

. This chapter contains basic information regarding software. It also describes the need of the project work and objectives of the project work. products main purpose is to provide worker according to customer requirement.

1.5.2 Chapter 2: Literature Survey

This chapter contain basic information of our survey related to this project, before developing this project

1.5.3 Chapter 3: System design

This chapter describes the design of the basic architecture of the project work dataflow, diagram, flowchart and sequence diagram.

1.5.4 Chapter 4: Experimental setup and Results

This chapter describes the experimental setup along with the detail of the installation of software required for development of the project and the result achieved from the project work.

1.5.5 Chapter 5: Conclusion

This chapter describes the final conclusion obtained from the proposed system and also describes the future work that can be done in the prosed system. It also describes the various application of the project.

1.5.6 Chapter 6: References

This chapter describes the various websites which studied for the understanding the development of the project.

CHAPTER 2

Literature Survey

2 Literature Survey:

2.1 **Problem Statement:**

We choose this problem statement because after analysing some day to day problems like unavailability of workers for Plumbing, electricity problems, fabrication problems etc. so to overcome this problem we decided to develop such software who provide facility to user that can easily find worker as per user need and convenience

2.2 **Java language:**

For developing this software, we required knowledge about GUI development.so we refer **JAVA COMPLETE REFERENCE** book. As well as we refer some YOUTUBE channels.

YOUTUBE channel: https://youtu.be/fc6Orp6LAd0

2.3 **Database:**

For Storing and searching data for our software we required knowledge about Database. So, we refer YouTube channel.

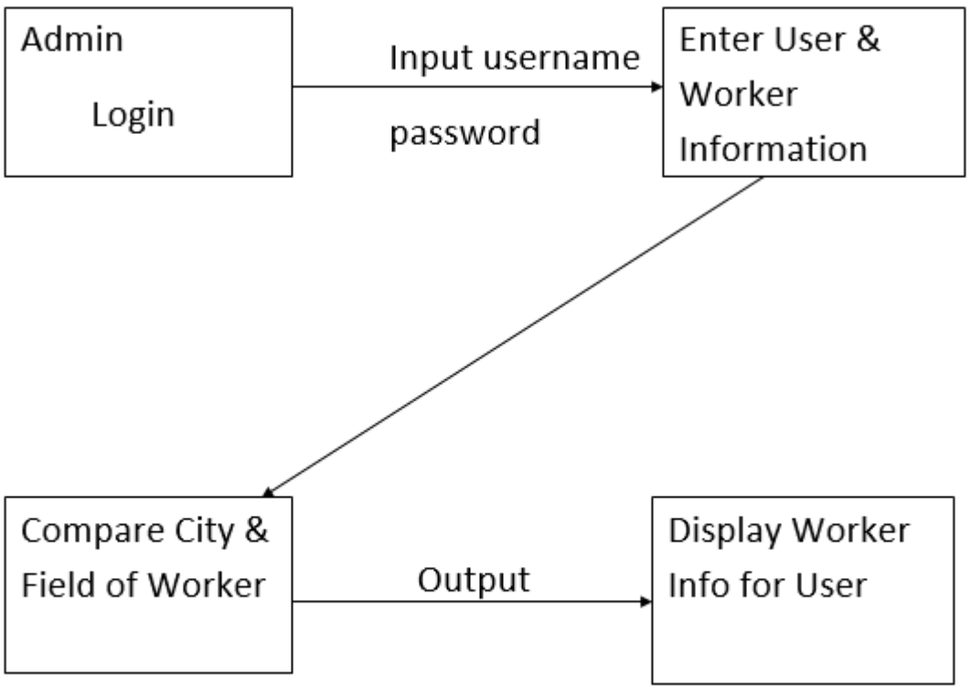
YOUTUBE channel: https://youtu.be/3HdscltBsM8

CHAPTER 3

System Design

3. System Design

3.1System Architecture



Description:

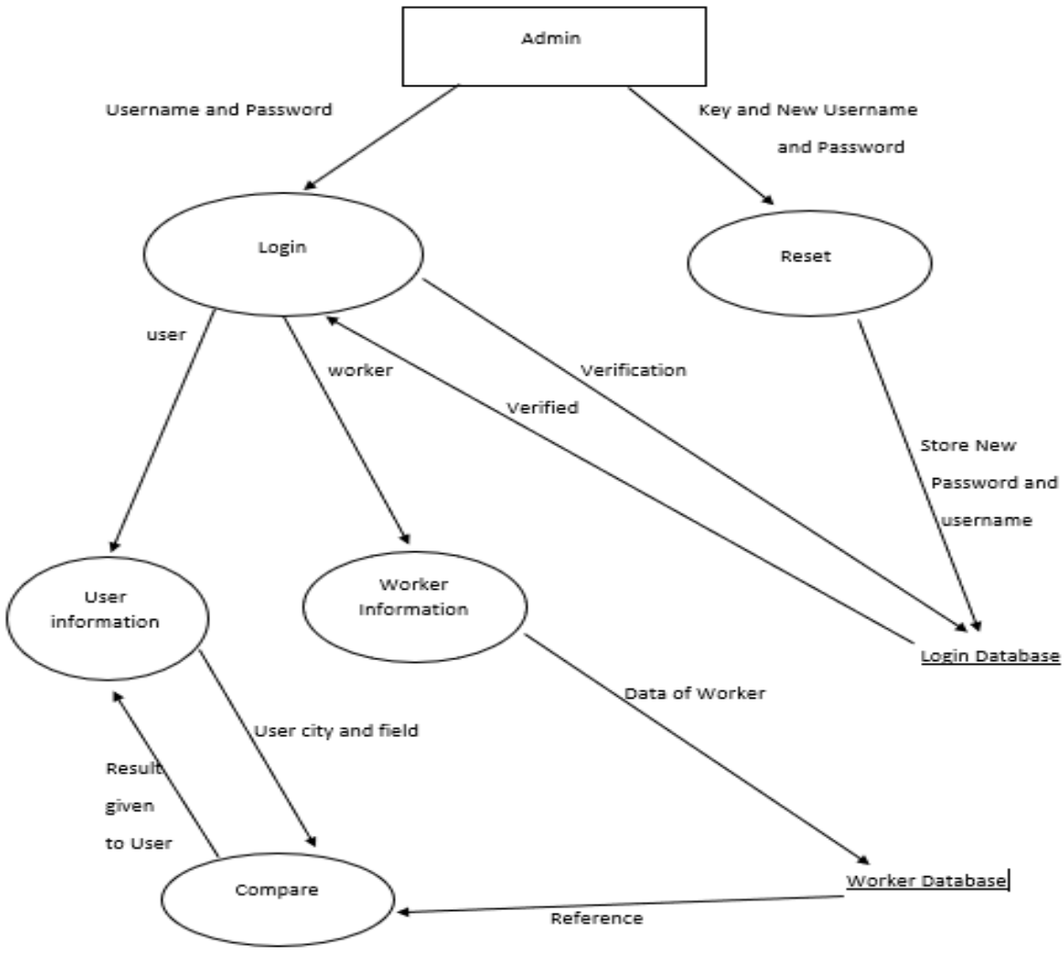
a) Admin Login: - When admin enters login page, he has to enter correct username and password. If he enters wrong Username and Password then, A Dialogue Box will pop up "Enter correct username & password ". Otherwise he will get access of system.

b) User and worker information: - In this module worker store their information and user will search service which he/she want. in this module only worker information is stored on database while user information is directly compared without store.

c)compare city and field of worker: -In this the city and type of worker given by the user get compared with worker data in the data base

d)Display worker information to the user: -After compare the input given by the user to the worker data in the database and the final result will be displayed in the textbox in the user module.

3.2 Data Flow Diagram



Description:

- **Source:**

  In our DFD, Represented by rectangle. In this DFD only one source that is Admin from where we can access and store User as well as Workers information. By giving Valid Username and Password.

- **Processes:**

1)Login: If username and password is correct then only use and worker module will access. Otherwise message will be prompted,

2)Reset: If in some case admin will forget the password then he will resetted the password by using **KEY** which were provided at the time of deployment.

3)User information: In this module user able to search the service as per their convenience and result also displayed to user as well.

4)Worker information: In this module worker store his information on database by submitting form.

5)compare: In this the city and worker field of worker is compared with the given input of user and the final result is displayed to the user.

- **Databases:**
  - 6)Login Database: New Username Password is stored in Login Database. Again, while entering username password if it is not present on database it will show Not Verified. Else while Resetting Password It will store new Username Password.
  - 7)Worker Database: The information entered by every new Worker will be Stored in Worker Database. If already present then it will take reference and give information.

3.3 Sequence Diagram:

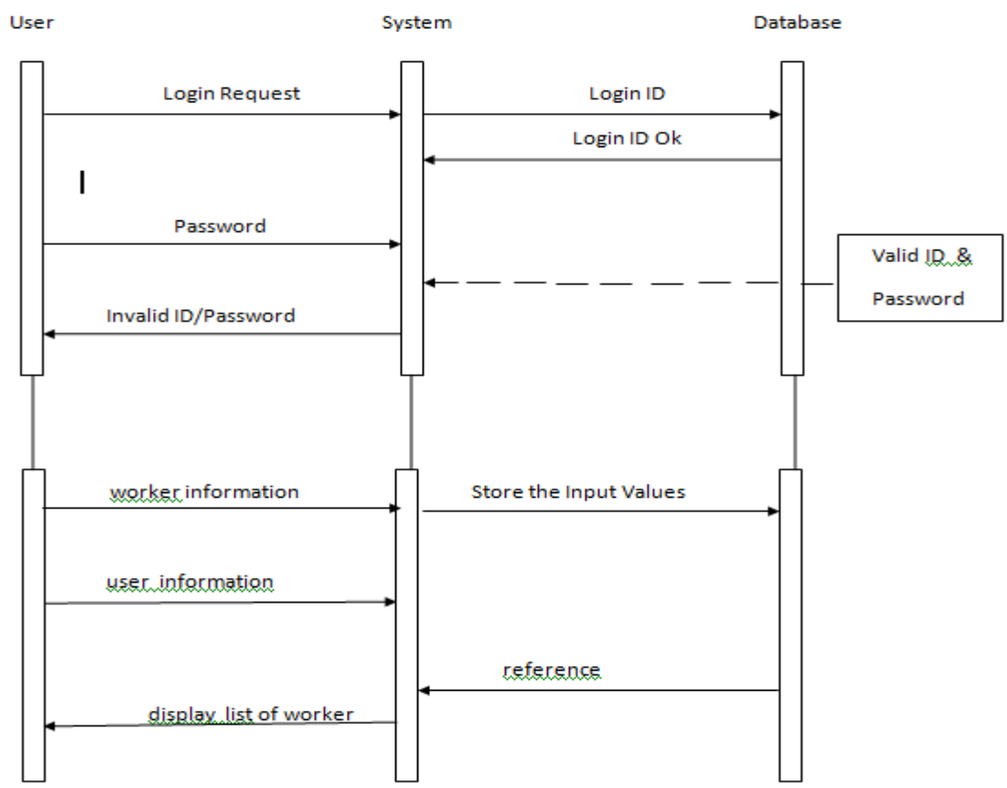


Fig.1.3: Sequence Diagram for Worker Management System.

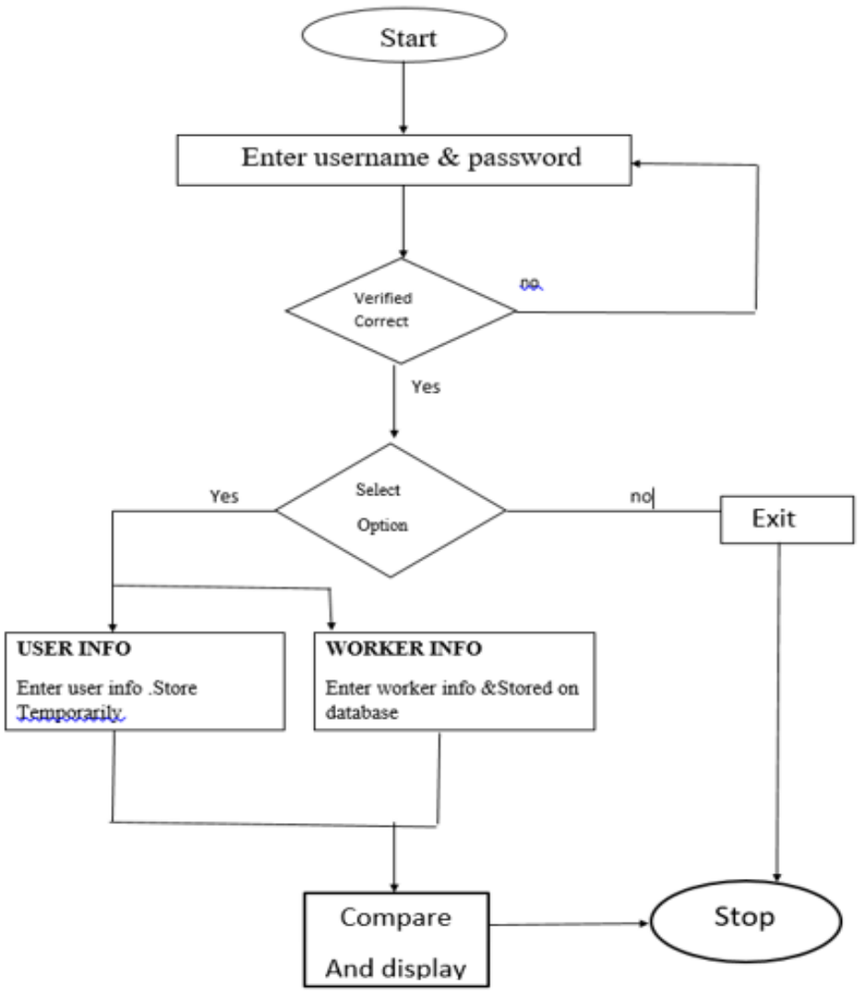
Description: -

When user enter his Login credentials then it will check with database. If credentials match with database information then access goes to user and worker module, otherwise message will be prompted to admin.

When worker enter his information and if it will valid information then it will be stored on database otherwise, he has to enter valid information.

When user have to search worker at that time, he has to fill choices like city and field of worker. if these inputs matched with information stored by worker then result displayed.

3.4 Flow Chart



Description:

- Start
- Firstly, Admin will Login to the System by Username Password.
- If username password is incorrect it will not verify and get back to previous block
- If verified, admin will select user or worker information entering
- In User Reg. Enter User Name, Mobile Number, City and Worker Field
- In Worker Reg. Enter Worker Name, Mobile Number, City, Workers working field.
- Last Step it will compare the City and Field of Worker as well as User and Stop by Displaying Worker details to the user.
- Stop

3.5 Module 1: Admin Login

Login:

The given module ask admin for username and password. the common user id and password are those that we have set in the program. By string comparison we compare username and password and let admin login.

Reset: If in some case admin will forget the password then he will resetted the password by using **KEY** which were provided at the time of deployment

3.6 Module 2: Worker information:

In this particular Module We Store the info of Worker such as Name, Mobile number, City of user, D.O.B. of worker, Occupation for Worker. And store them in DBS.

If the information which is filled was wrong then there is a **Reset** button which will provide facility to reset all the form.

3.7 Module 3: User Information

The same information is taken and compared directly. The data compared is CITY OF WORKER, OCCUPATION OF WORKER. And the final result will be displayed on the user side.

If the information which is filled was wrong then there is a **Reset** button which will provide facility to reset all the form.

CHAPTER 4

Experimental Setup and Results

4. Requirements:

4.1 Hardware Requirements:

- 1.At least intel i3 processor.

  2. At least 2 GB RAM.

  3.Minimum 50 GB ROM

4.2 Software Requirements:

1.Windows Operating system.

2.oracle database.

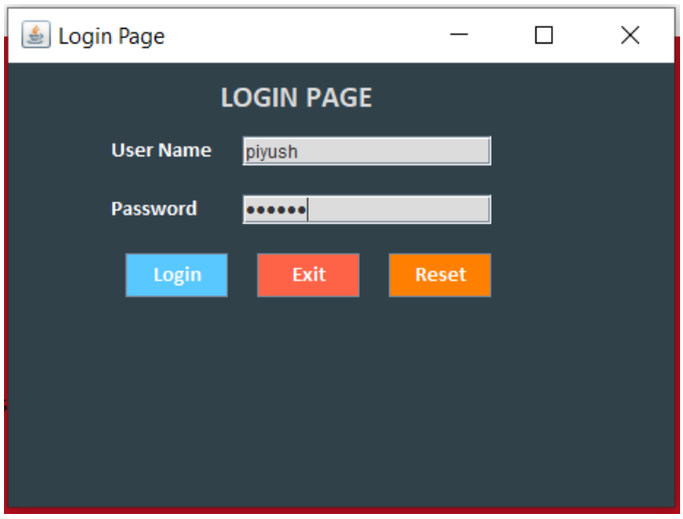
3.jdk 8.0.1.1

4.3 Other Requirements:

none

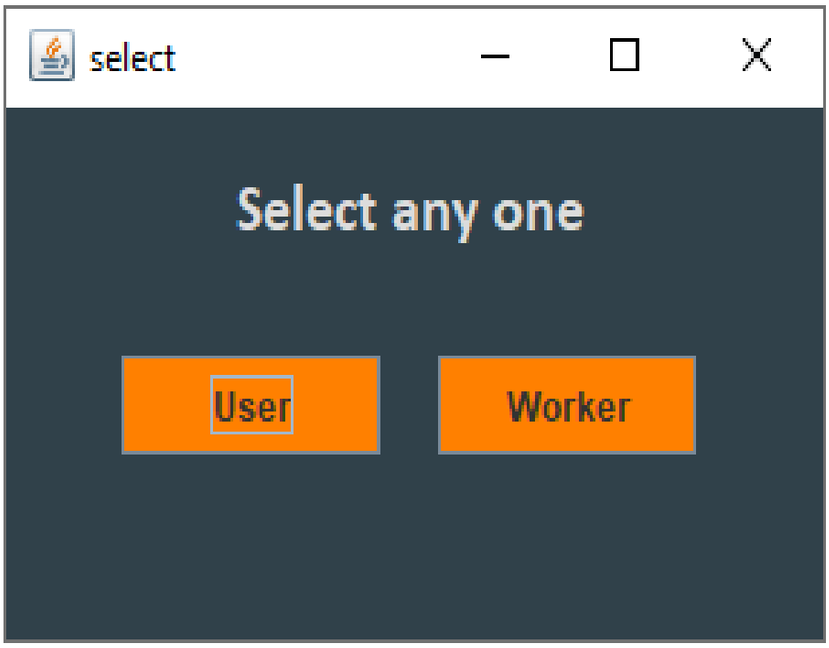
4.4 Result:

4.4.1 Admin Login



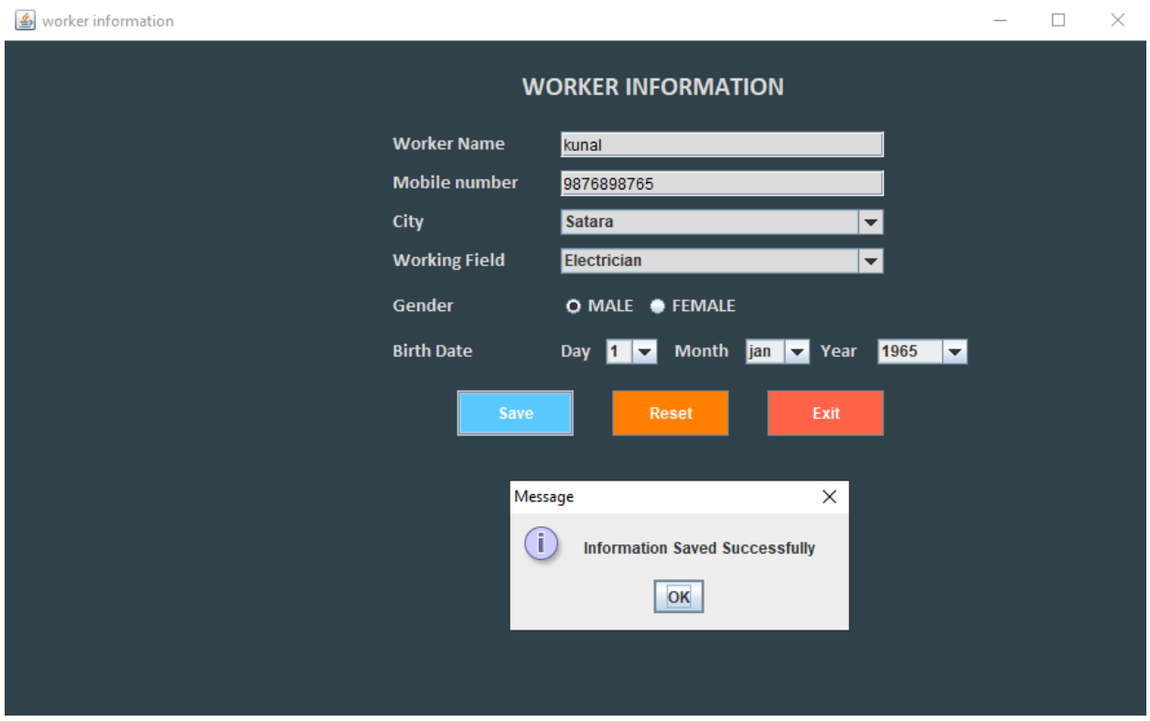
In this module we have to enter correct username and password to access the system, otherwise wrong **username and password.** message will prompted.

4.4.2 Window for choice of user or worker



After getting access of system by entering correct username and password we entered to choose which module User or Worker.

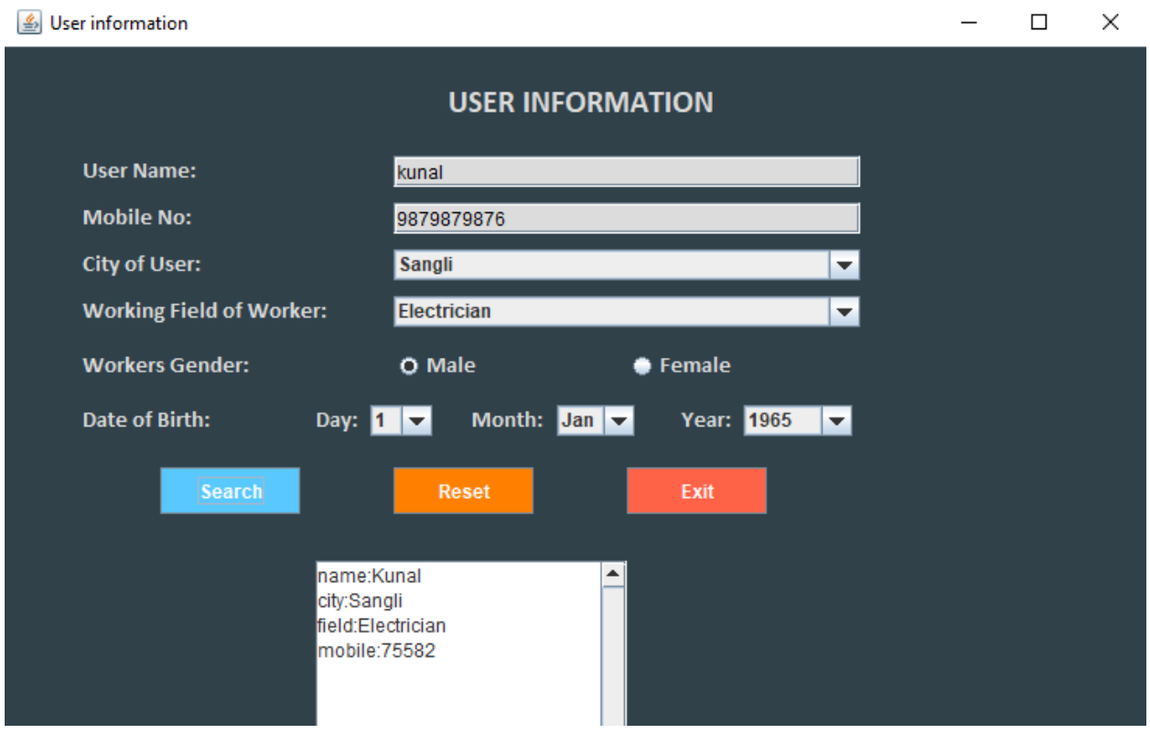
4.4.3 Worker Form Empty and FILL up



If choice is worker then form will appear. all fields are mandatory in this form then only form will be submitted. If choices in form goes wrong then it will be corrected by hitting reset button.

If the information which is filled was wrong then there is a **Reset** button which will provide facility to reset all the form.

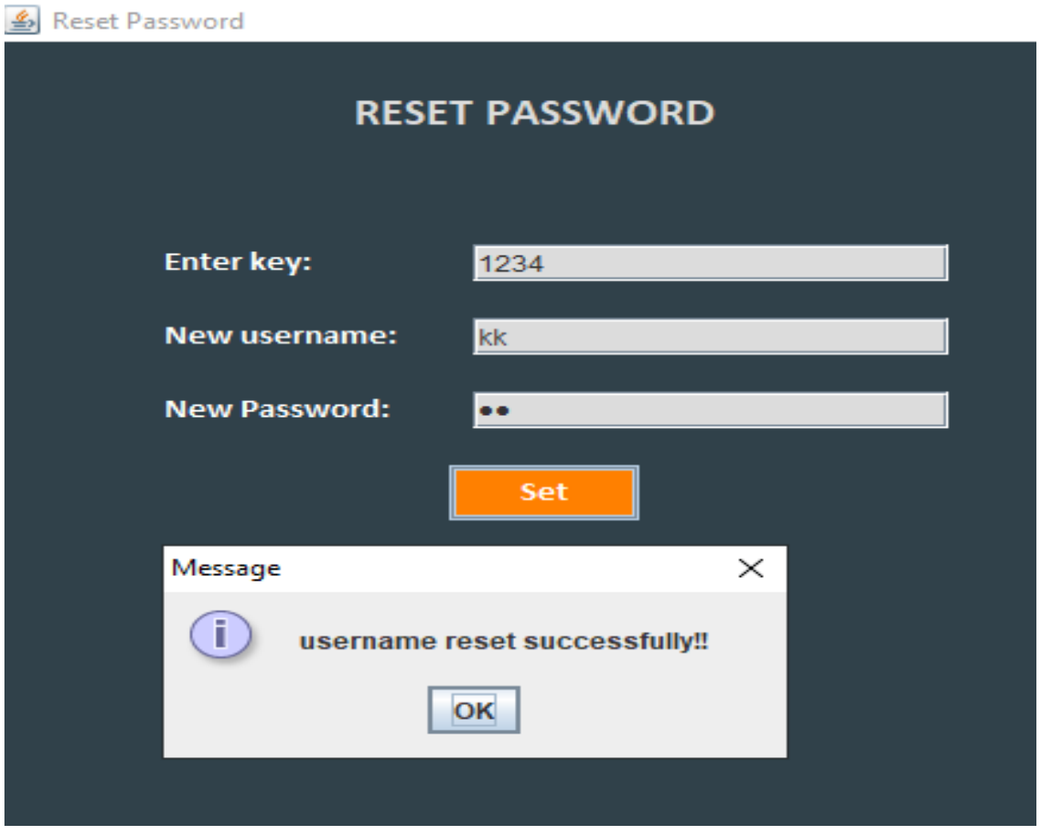
4.4.4 User Searched Information:



If choice is USER then form will appear which provide facility to user to search workers as per his convenience and the list of the workers get display on this module. If user want to exit then exit button is present in module.

If the information which is filled was wrong then there is a **Reset** button which will provide facility to reset all the form.

4.4.5 Password Reset:



If in case admin Forgot the password then he will reset his password by entering **KEY** which were provided to him at the time of deployment.

If key is not match with the key stored in database their will be a pop-up message like “Entered key is wrong,”

CHAPTER 5

Conclusions

5.1 Conclusions

On the basics our software we conclude that according to the given input by the user software will able to find out the workers by his convenience

5.2 Future Work

-we will provide a google mapping like, ola cabs.

-We store the data of the user in a file to know that how many users are visited to our organization

-we will provide all details of user to the worker.

Like address, name, phone number with the help of message.

5.3 Applications:

-Find out the worker is measure benefit to public.

-Job opportunities are increases for worker.

CHAPTER 6

References

6. References

6.1 Workers Reference

6.2 Internet Resources

1. www.google.co.in

2. www.youtube.com

3. htttps://en.m.wikipedia.org