CHAPTER 1

INTRODUCTION

Saloon management system is the salon management application with appointment scheduling functionality. In this system user can review salons and stylist and can make appointment. In this system saloon owner can make their account online and give details of the services they offer and also describe the stylist information. User can review the salons and their services using this system and can make appointment with favourite stylist. User can also cancel appointments. User can also write and reviews about the salon or stylist. This system helps both the customer and the salon. Customer can easily find best salon in their locality and can check the review of other customer of that salon. It helps him to take decision of taking the services of a particular salon.

This system keeps track of employee salaries, inventory and customer data along with billing.This is a fully equipped system that alone manages the entire functioning of a hair salon it maintains stock of inventory coming in. It also manages individual employee salary.The system is even equipped to manage customer billing and data storage.

1.1 **PURPOSE :-**

- Provide a Single environment from where an administrator can interact with the saloon shop system resources.
- Provides Info regarding the hair saloons no. of services running on the system.
- To provide an upgrade support for the saloon shop system resources.
- Provides interface to interact with the hair saloon system parameters like network settings, OS Settings, Services, and Process etc.

CHAPTER 2

SCOPE AND LIMITATIONS

2.1 SCOPE

In present system you have to call the salon to fix an appointment. After taking an appointment you have to remember the date of the appointment. User is also not able to find the best salon in their locality. He can find out the services of any salon only after taking their services. But in proposed system you can check review online and find out who is giving best services. Use can also check that which salon gives good customer satisfaction.

In current system salon take appointment on register. They manage customer record on register. And it is very difficult to find out old appointment details in this system. Making report for the salon business is also very tiresome task. this system is prone to costly human error. Hair saloon management system allow salon to manage stylists and services, promote sales to customers, and track customer satisfaction.

2.2 LIMITATIONS

- The current system is provided by Microsoft Corporation, but requires a person to know the methodology to interact with the beauty shop system configuration.
- Not a single interface to monitor all the free download project report events. Don't notify to the Spa salon user in case any event generated errors.
- System resources cannot be freed frequently based on the beauty center parameters.
- Administrator is not notified regarding any failure by the skin health system
- The current system doesn't allow the remote access of the beauty parlour resources of one system with other.

CHAPTER 3

REQUIREMENT ANALYSIS

- **Functional Requirement**

- This system will be able to keep the track of employee salaries, inventory and customer data along with billing.
- This system should manage the entire functioning of a hair salon.
- It should maintain stock of inventory coming in.
- It should also manage individual employee salary.
- The system can be able to manage customer billing and data storage.
-

- **Non Functional Requirement**

- Safety - The system shall log every state and state change of every surface computer, tablet and display to provision recovery from system failure.
- Security – The admin enter using authorized password and id.
- Human Engineering - Any element of the system will take no longer than 10-seconds to restart.
- Performance Requirements – The database should be capable to store more data.

CHAPTER 4

FEASIBILITY STUDY

Feasibility study:

- Feasibility study is conducted once the hair salon problem is clearly understood. Feasibility study is a high level capsule version of the hair saloon entire system analysis and design process. The objective is to hair saloon management system project in java determine quickly at a minimum expense how to solve a problem.The purpose of feasibility is not to solve the hair salon problem but to determine if the hair saloon problem is worth solving.
- A feasibility study is undertaken to determine to the possibility or probability of either improving the existing system or developing a completely new system. It helps to obtain the overview of the problem and to get a rough assessment of whether other feasible solution exists.

NEEDS FOR FEASIBILITY STUDY:

- The feasibility study is needed for following things:-
- Answer the questions whether a new system is to be installed or not?
- Determine the potential of the existing system.
- Improve the existing system.
- Know what should be embedded in the new system.
- Define the problems and objectives involved.
- Avoid costly repairs at later stage when system is implemented.
- Avoid crash implementation of the new system.

- The system has been tested for feasibility in the hair saloon center following points.

- 1. Technical Feasibility.
- 2. Economical Feasibility.
- 3. Operational Feasibility.

➢ ECONOMIC FEASIBILITY

- Economic analysis is most frequently used for evaluation of the effectiveness of the system. More commonly known as cost/benefit analysis the procedure is to determine the benefit and saving that are expected from a system and compare them with costs, decisions is made to design and Implement the system.
- This part of feasibility study gives the top management the economic justification for the new system. This is an important input to the management the management, because very often the top management does not like to get confounded by the various technicalities that bound to be associated with a project of this kind. A simple economic analysis that gives the actual comparison of costs and benefits is much more meaningful in such cases.
- In the system, the organization is most satisfied by economic feasibility. Because, if the organization implements this system, it need not require any additional hardware resources as well as it will be saving lot of time.

- **TECHNICAL FEASIBILITY**

- Technical feasibility centers on the existing manual system of the test management process and to what extent it can support the system.
- According to feasibility analysis procedure the technical feasibility of the system is analyzed and the technical requirements such as software facilities, procedure, inputs are identified. It is also one of the important phases of the system development activities.
- The system offers greater levels of user friendliness combined with greater processing speed. Therefore, the cost of maintenance can be reduced. Since, processing speed is very high and the work is reduced in the maintenance point of view management convince that the project is operationally feasible.

- **BEHAVIOURAL FEASIBILITY**

- People are inherently resistant to change and computer has been known to facilitate changes. An estimate should be made of how strong the user is likely to move towards the development of computerized system. These are various levels of users in order to ensure proper authentication and authorization and security of sensitive data of the organization.

CHAPTER 5

SYSTEM REQUIREMENT

HARDWARE REQUIREMENT :

- LAPTOP / COMPUTER – Intel or compatible Pentium 333 MHZ or higher.
- Memory (ram) — 64 MB minimum; 128 MB Recommended.
- Hard disk space — 1 GB for the database and the client s/w. This is increase with the increase in records.
- Monitor – higher resolution . 800 x 600 or higher resolution required for the sql server graphical tools.
- Pointing device – Microsoft Mouse or compatible.

SOFTWARE REQUIREMENT :

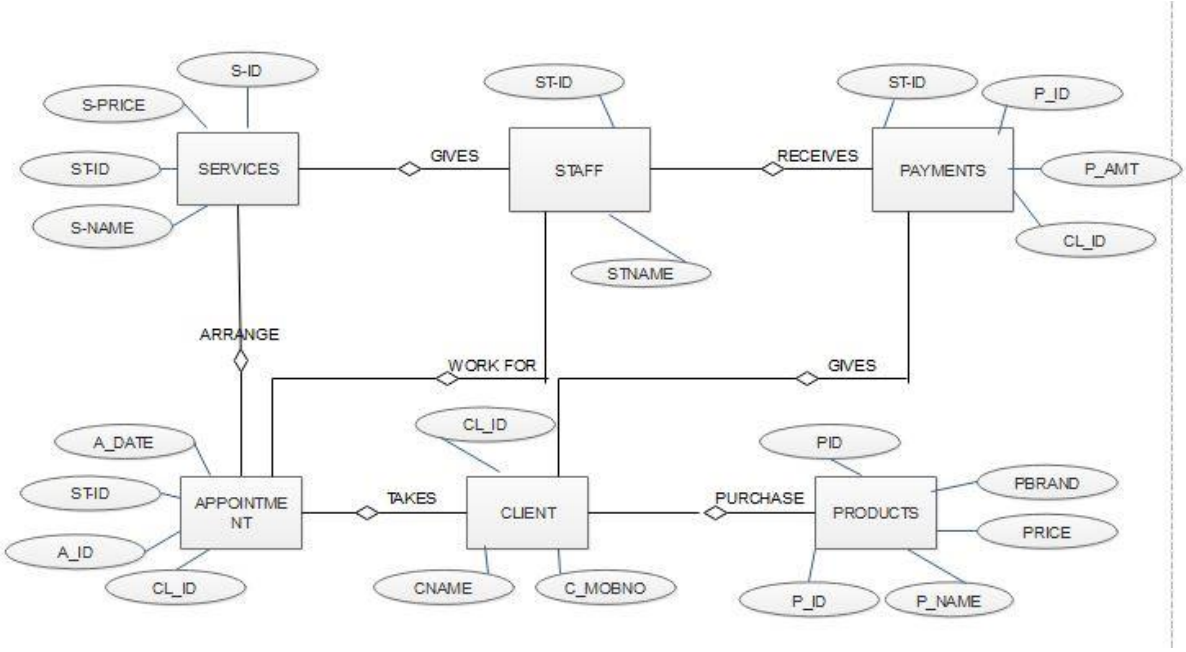
- NETBEANS IDE 8.1
- JDK TOOLKIT.
- MYSQL Enterprise edition.

CHAPTER 6

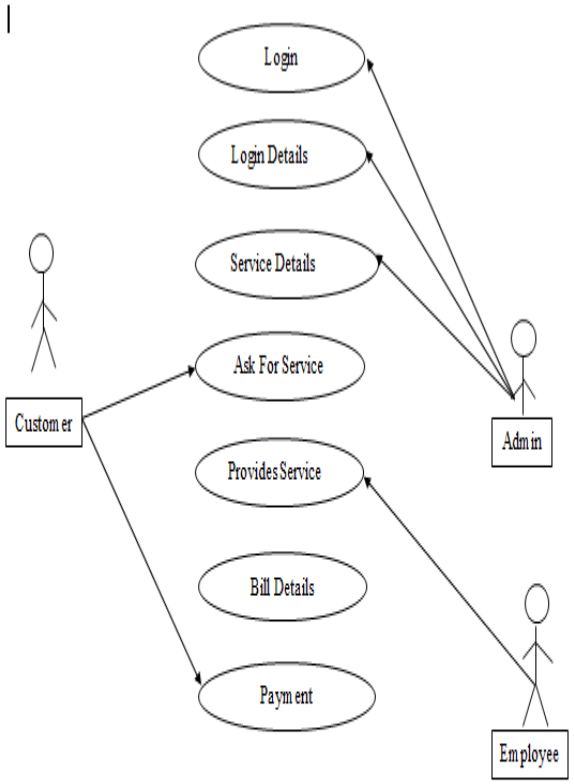
DESIGN

Entity-Relationship Diagram

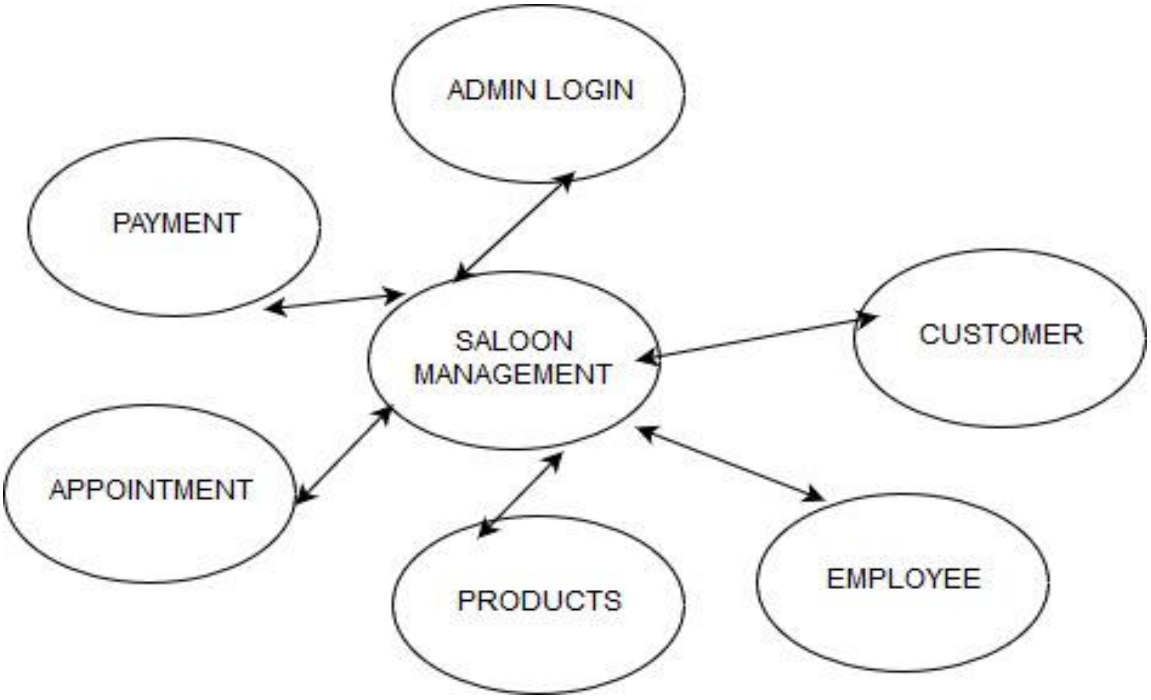
- This document is an entity-relationship diagram, or "ERD," for a system to manage Inventory Management System.
- An ERD is a model that identifies the concepts or entities that exist in a system and the relationships between those entities.
- An ERD is often used as a way to visualize a relational database: each entity represents a database table, and the relationship lines represent the keys in one table that point to specific records in related tables.
- ERD may also be more abstract, not necessarily capturing every table needed within a database, but serving to diagram the major concepts and relationships.
- This ERD is of the latter type, intended to present an abstract, theoretical view of the major entities and relationships needed for management of electronic resources.
- It may assist the database design process for an e-resource management system, but does not identify every table that would be necessary for an electronic resource management database.



USE CASE DIAGRAM :-

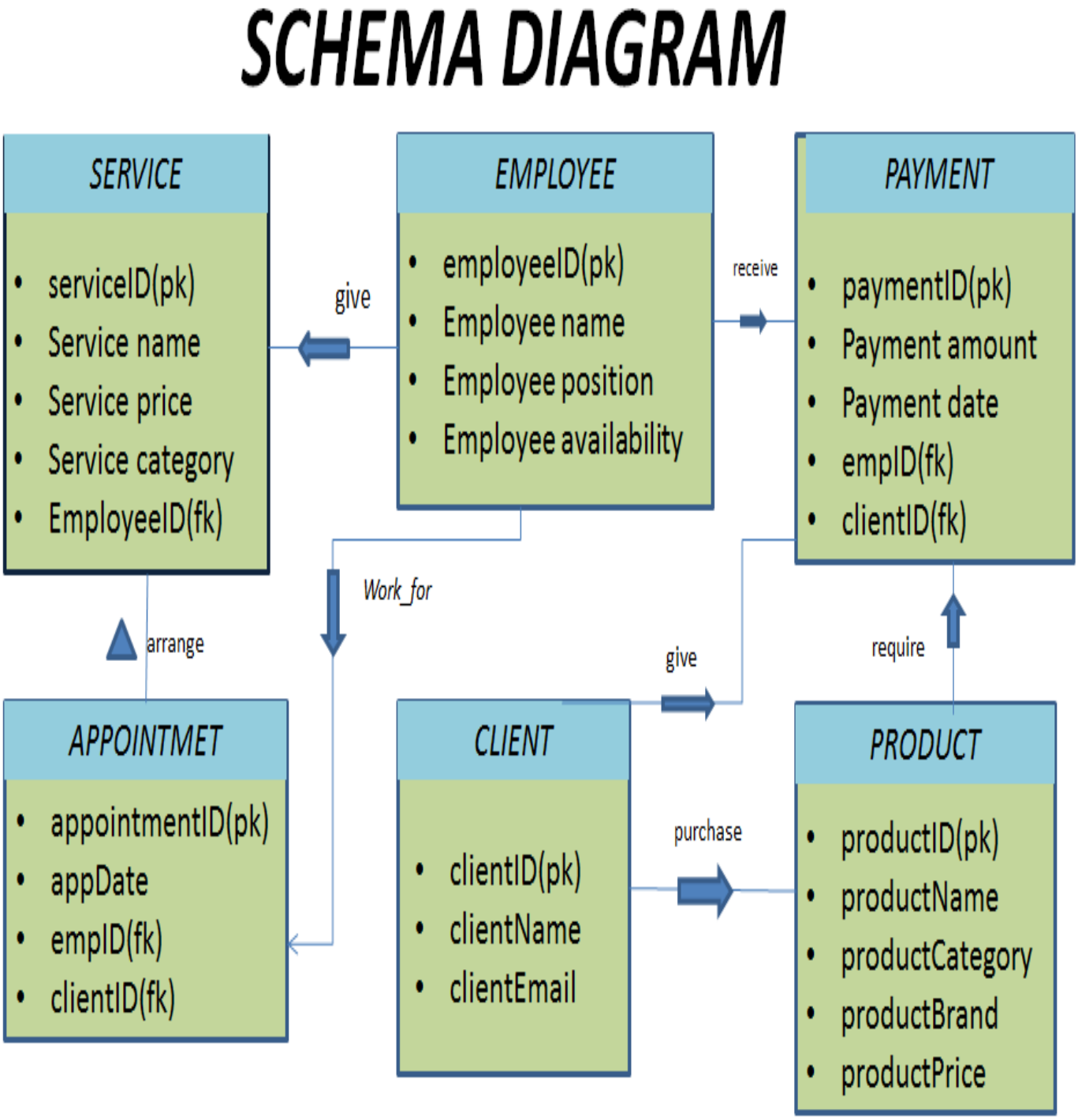


DATAFLOW DIAGRAM LEVEL ZERO:-



CHAPTER 7

SCHEMA DIAGRAM



CHAPTER 8:

CODING (DDL, DML, CONNECTIVITY)

CONNECTION:

```
//Code :-
 public void thequery(String query)throws SQLException
 {
    Connection con=null;
    Statement st=null;
    String url="jdbc:mysql://localhost:3306/salonbean";
    String userName="root";
    String password="9226794263";
    try
    {
       con=DriverManager.getConnection(url, userName, password);
       st=con.createStatement();
       st.executeUpdate(query);
       JOptionPane.showMessageDialog(null," REGISTRATION COMPLETED ");
    }
    catch(Exception ex)
          {
             JOptionPane.showMessageDialog(null,ex.getMessage());
    }
  }
```

CODE MAINPAGE:-

```
package sss;
import javax.swing.JFrame;
import javax.swing.JOptionPane;

public class loginpagemain extends javax.swing.JFrame {


    public loginpagemain() {
        initComponents();
    }


    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        jLabel4 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jTextField1 = new javax.swing.JTextField();
        jPasswordField1 = new javax.swing.JPasswordField();
```

```
        jButton1 = new javax.swing.JButton();

        jLayeredPane1 = new javax.swing.JLayeredPane();

        jButton2 = new javax.swing.JButton();

        jButton3 = new javax.swing.JButton();

        jButton4 = new javax.swing.JButton();


        jLabel4.setIcon(new javax.swing.ImageIcon("D:\\PROJECT\\salon\\LOGO\\barber shop
image.jpg")); // NOI18N


        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        setBackground(new java.awt.Color(11, 7, 7));

        setUndecorated(true);

        setSize(new java.awt.Dimension(100, 200));

        setType(java.awt.Window.Type.UTILITY);

        addWindowListener(new java.awt.event.WindowAdapter() {

            public void windowOpened(java.awt.event.WindowEvent evt) {

                formWindowOpened(evt);

            }

        });

        getContentPane().setLayout(null);


        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

        jLabel1.setForeground(new java.awt.Color(102, 255, 204));

        jLabel1.setText("ADMIN LOGIN");

        getContentPane().add(jLabel1);

        jLabel1.setBounds(550, 210, 280, 29);
```

```
jLabel2.setFont(new java.awt.Font("Microsoft Sans Serif", 1, 18)); // NOI18N
jLabel2.setForeground(new java.awt.Color(51, 255, 204));
jLabel2.setText("USERNAME:");
getContentPane().add(jLabel2);
jLabel2.setBounds(410, 290, 120, 30);

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 255, 153));
jLabel3.setText("PASSWORD:");
jLabel3.setToolTipText("");
getContentPane().add(jLabel3);
jLabel3.setBounds(410, 350, 120, 30);

jTextField1.setToolTipText("");
jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});
jTextField1.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        jTextField1KeyPressed(evt);
    }
});
getContentPane().add(jTextField1);
jTextField1.setBounds(580, 290, 290, 30);
```

```
jPasswordField1.setToolTipText("");
jPasswordField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jPasswordField1ActionPerformed(evt);
    }
});
getContentPane().add(jPasswordField1);
jPasswordField1.setBounds(580, 350, 290, 30);

jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
jButton1.setText("LOGIN");
jButton1.setToolTipText("");

jButton1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RAISED));
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1);
jButton1.setBounds(550, 440, 120, 30);
getContentPane().add(jLayeredPane1);
jLayeredPane1.setBounds(220, 380, 50, 50);

jButton2.setIcon(new javax.swing.ImageIcon("D:\\PROJECT\\salon\\onlinelogomaker-092517-1949-3242.png")); // NOI18N
```

```
        getContentPane().add(jButton2);
        jButton2.setBounds(0, 0, 320, 110);


        jButton3.setBackground(new java.awt.Color(0, 0, 0));
        jButton3.setIcon(new javax.swing.ImageIcon("D:\\PROJECT\\salon\\WHDQ-512725583.jpg")); // NOI18N
        jButton3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 50));
        jButton3.setOpaque(false);
        jButton3.addComponentListener(new java.awt.event.ComponentAdapter() {
            public void componentResized(java.awt.event.ComponentEvent evt) {
                jButton3ComponentResized(evt);
            }
        });
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });
        getContentPane().add(jButton3);
        jButton3.setBounds(-110, 0, 1330, 740);


        jButton4.setText("jButton4");
        getContentPane().add(jButton4);
        jButton4.setBounds(820, 450, 73, 23);


        pack();
    }// </editor-fold>
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
            String uname=jTextField1.getText();
            String pass=jPasswordField1.getText();
            if(uname.equals("akshaydinesh")&& pass.equals("1234"))
            {

           NewJFrame B=new NewJFrame();
            B.setVisible(true);
            this.dispose();
            }

            else
              {
              JOptionPane.showMessageDialog(rootPane,"Invalid");
            }




}

private void formWindowOpened(java.awt.event.WindowEvent evt) {
    // TODO add your handling code here:
    this.setExtendedState(this.getExtendedState() |JFrame.MAXIMIZED_BOTH);
```

```
}

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton3ComponentResized(java.awt.event.ComponentEvent evt) {
    // TODO add your handling code here:
}

private void jPasswordField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jTextField1KeyPressed(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
}

/**
 * @param args the command line arguments
 */
```

```
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
        /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
         * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
         */
        try {
            for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(loginpagemain.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(loginpagemain.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(loginpagemain.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(loginpagemain.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
```

```
    }
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new loginpagemain().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLayeredPane jLayeredPane1;
private javax.swing.JPasswordField jPasswordField1;
private javax.swing.JTextField jTextField1;
}
```

DDL

mysql> create table employeergister(f_name varchar(50) primary key,l_nmae varchar(100),application id int(100));

Query OK, 0 rows affected (0.12 sec)

mysql> desc from food;

```
+-------+-----------+------+-----+---------+-------+
| Field | Type      | Null | Key | Default | Extra |
+-------+-----------+------+-----+---------+-------+
| f_name   | varchar(50)   | NO   | PRI | NULL |
| l_name | varchar(100) | YES  |     | NULL    |
| application id| int(100)  | YES  |     | NULL    |
+-------+-----------+------+-----+---------+-------+
```

Insert Records in Table

DML

mysql> insert into employeeregister values(‘akshay’,’gujare',60);

Query OK, 1 row affected (0.04 sec)

mysql> insert into employeeregister values(‘kashi,'nath',70);

Query OK, 1 row affected (0.05 sec)

mysql> insert into employeeregister values(‘dinu',’hivare’,70);

Query OK, 1 row affected (0.06 sec)

mysql> insert into employeeregister values(‘ashilesh',’borde’,70);

Query OK, 1 row affected (0.06 sec)

mysql> select * from employeeregister;;

```
+-----+---------------------+-------+
| f_name|    l_name   |application_id||
+-----+---------------------+-------+
|   akshay |gujare |    60            |
|   kashi | nath  |    70            |
```

| dinu| hivare| 70 |

|ashilesh|borde|70 |

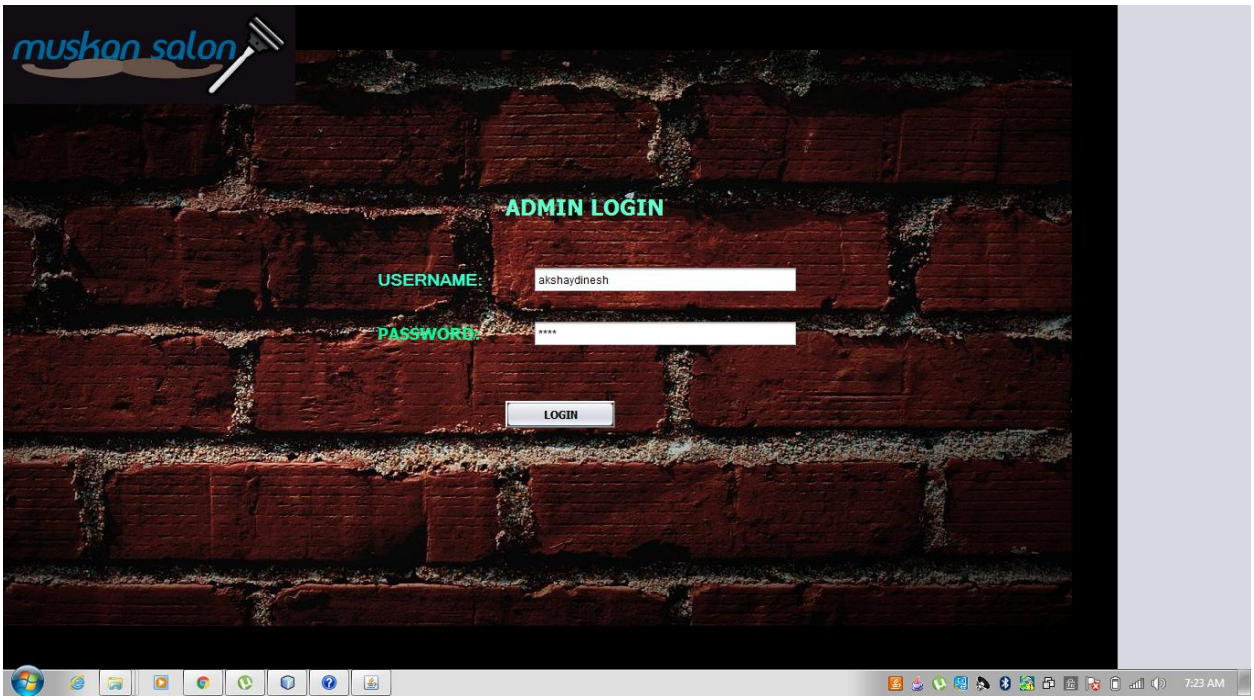
+-----+----------+-------+

4 rows in set (0.00 sec)

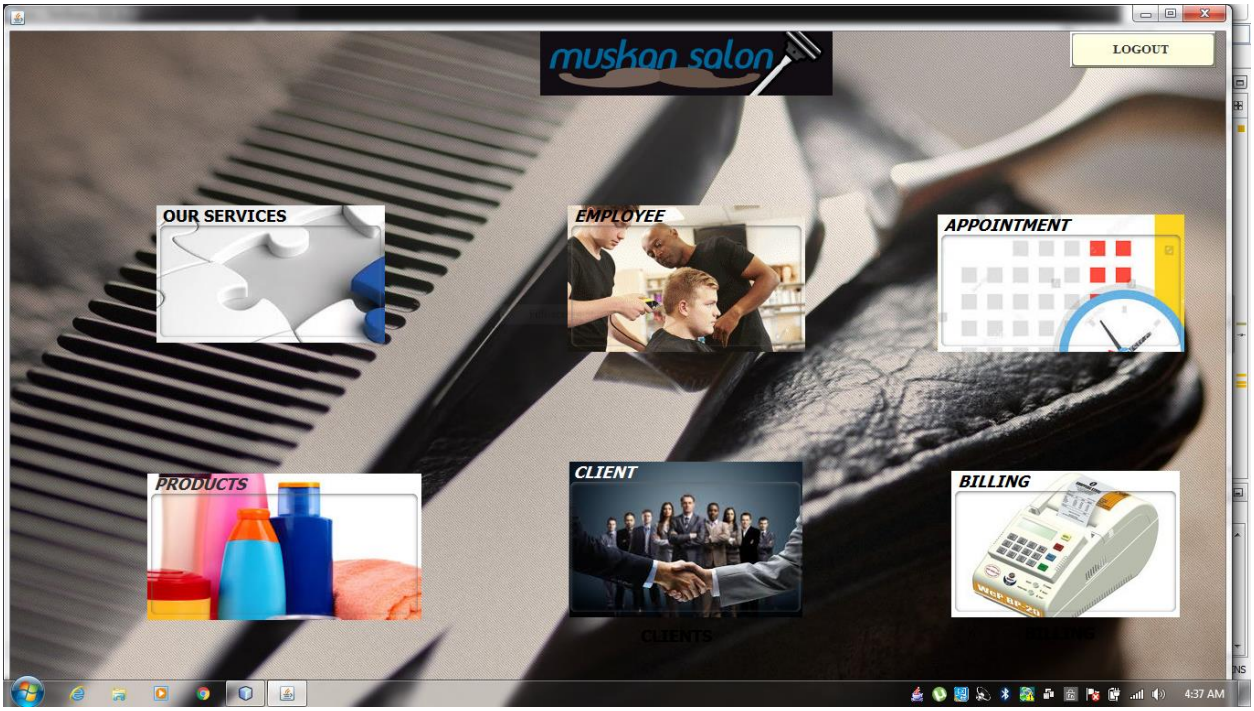
CHAPTER 9

SCREEN SHOTS

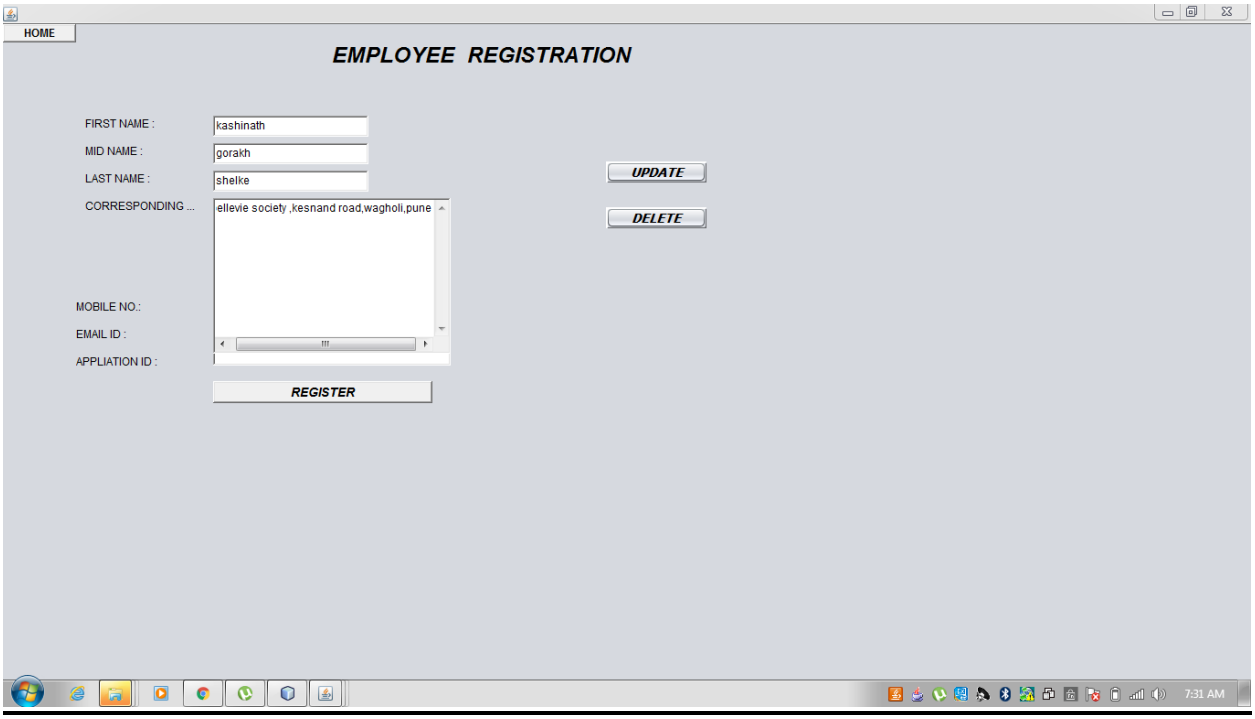
LOGIN PAGE:-



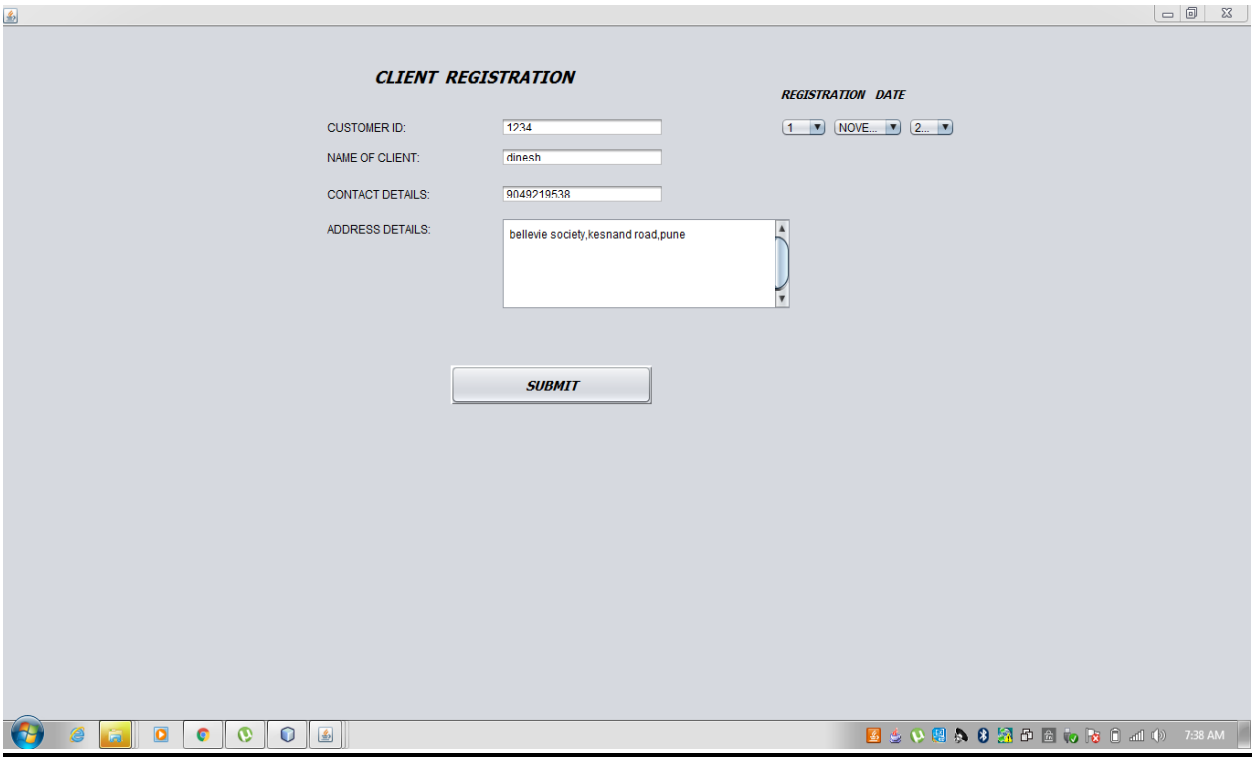
MAIN PAGE:-



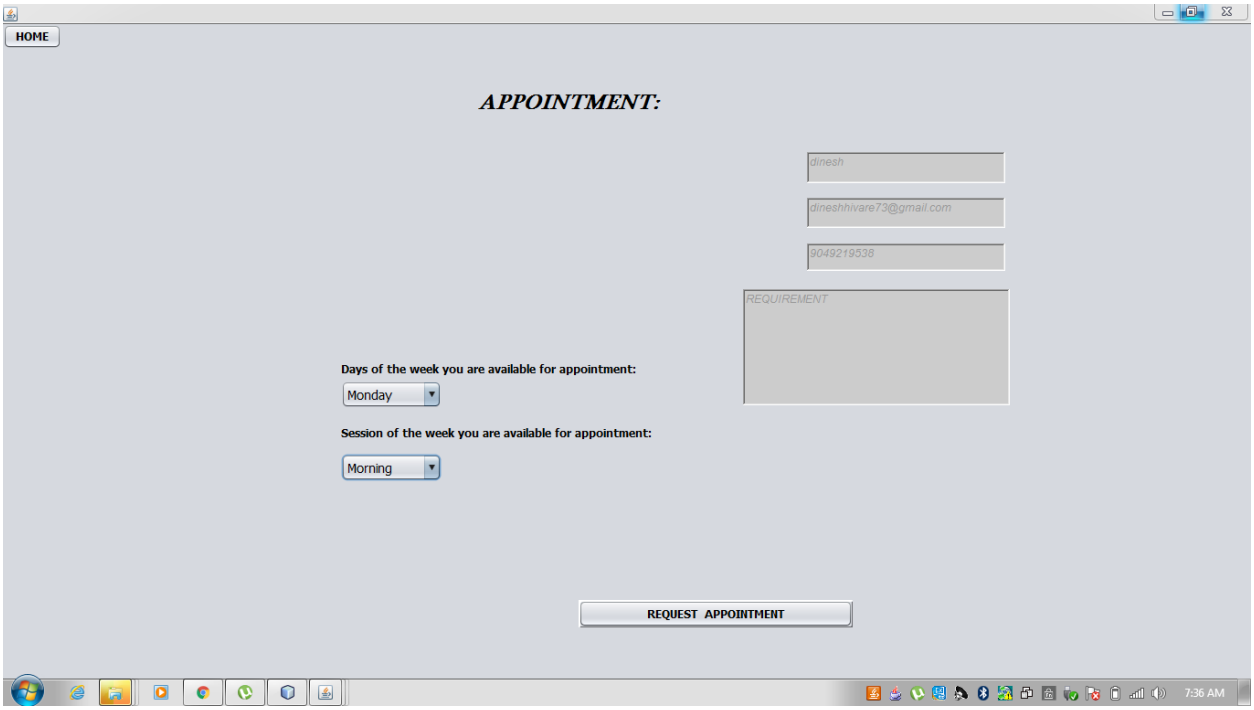
EMPLOYEE REGISTRATION:-



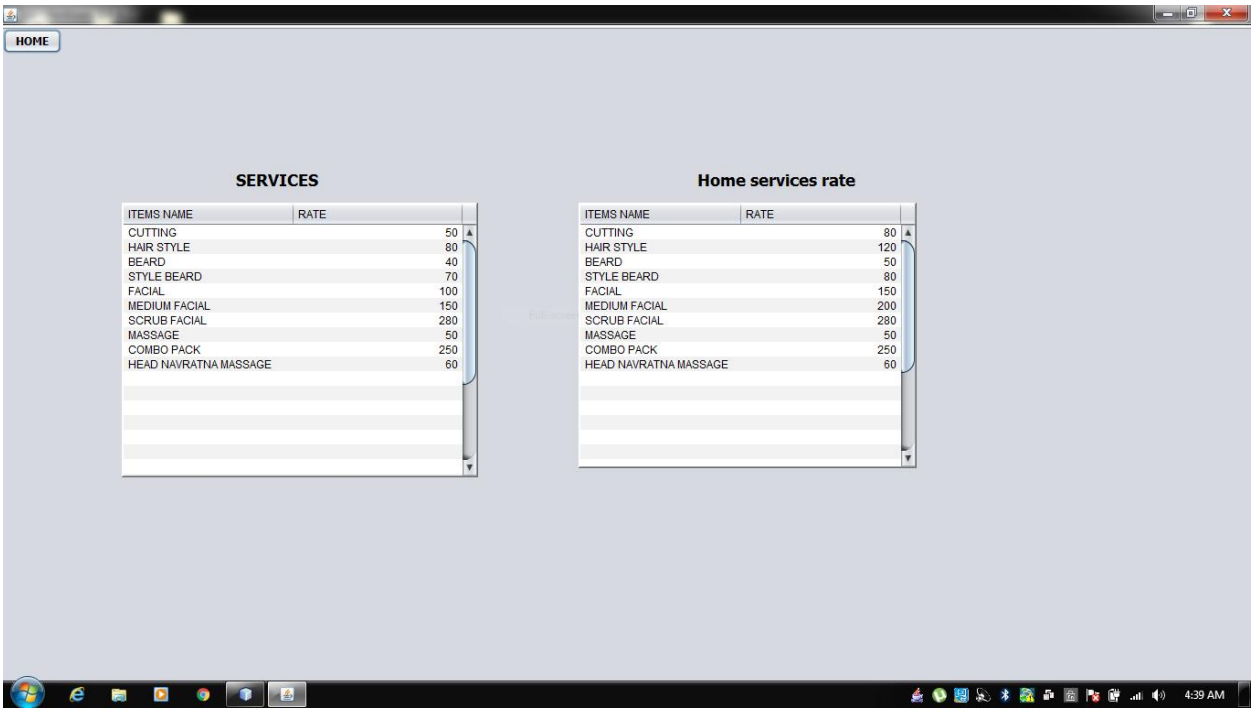
CLIENT REGISTRATION:-



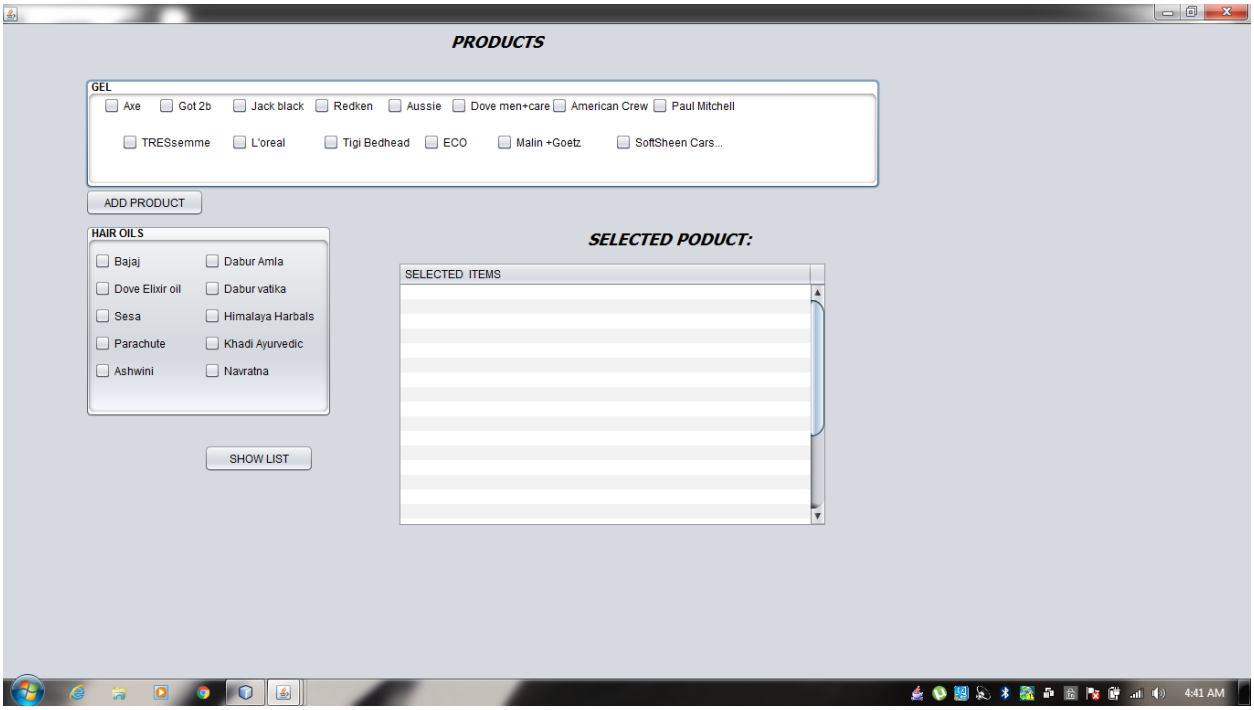
APPOINTMENT:-



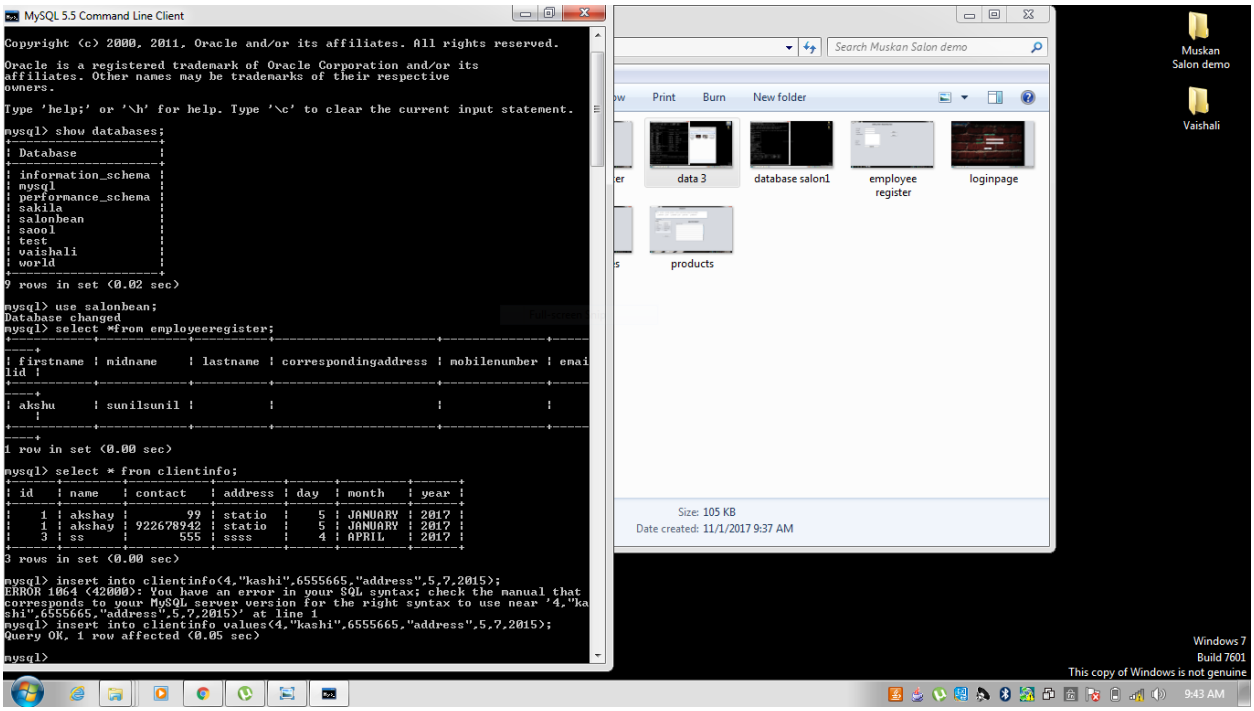
OUR SERVICES:-



PRODUCTS ENTRY:-



INSERT :-


MySQL 5.5 Command Line Client
Copyright (c) 2000, 2011, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show databases;
| Database |
| information_schema |
| mysql |
| performance_schema |
| sakila |
| salonbean |
| saool |
| test |
| vaishali |
| world |
9 rows in set (0.02 sec)
mysql> use salonbean;
Database changed
mysql> select *from employeeregister;
| firstname | midname | lastname | correspondingaddress | mobilenumber | emailid |
| akshu | sunilsunil | | | |
1 row in set (0.00 sec)
mysql> select * from clientinfo;
id	name	contact	address	day	month	year
1	akshay	99	statio	5	JANUARY	2017
1	akshay	922678942	statio	5	JANUARY	2017
3	ss	555	ssss	4	APRIL	2017
3 rows in set (0.00 sec)
mysql> insert into clientinfo(4,"kashi",6555665,"address",5,7,2015);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '4,"kashi",6555665,"address",5,7,2015)' at line 1
mysql> insert into clientinfo values(4,"kashi",6555665,"address",5,7,2015);
Query OK, 1 row affected (0.05 sec)
mysql>
Search Muskan Salon demo
Print
Burn
New folder
data 3
database salon1
employee register
loginpage
products
Size: 105 KB
Date created: 11/1/2017 9:37 AM
Muskan Salon demo
Vaishali
Windows 7
Build 7601
This copy of Windows is not genuine
9:43 AM

CHAPTER 10

FUTURE SCOPE

As the system is fully automated, it does not require human efforts in calculating bill and maintain customer's detail.

Also it maintains records of all the employees along with their salary information so there would be systematic way of payment.

Saves efforts and time and it is cost-effective.

CHAPTER 11

CONCLUSION

- This system will be able to keep the track of employee salaries, inventory and customer data along with billing.
- This system should manage the entire functioning of a hair salon.
- It should maintain stock of inventory coming in.
- It should also manage individual employee salary.
- The system can be able to manage customer billing and data storage.

REFERENCES

- **BOOK**

Java 6 programming black book.

WEBSITES :-

www.tutorialspoint.com

http://www.geeksforgeeks.org/sql-tutorial/

www.hackerranks.com