NAWAA APPLICATION

A Major Project Report Submitted to

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Towards Partial Fulfillment for the Award of

Bachelor of Engineering
(Computer Science)

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LORD KRISHNA COLLEGE OF TECHNOLOGY, INDORE

DEPARTMENT OF COMPUTER SCIENCE

RECOMMENDATION

This is to certify that the work embodied in this dissertation entitled "**Nawaa Application**", being submitted by **Aadarsh Kumar Singh (0835cs121001), Akhilesh Dubey (0835cs121004) and Anuj Kumar Burnwal (0835cs121008)** in fulfillment of the requirement for the award of "**Bachelor of Engineering**" in discipline of **Computer Science & Engineering**, to "**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.)**" during the academic year 2015-2016 is a record of bonafide piece of work, carried out by him under my supervision and guidance.

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CERTIFICATE

The Dissertation entitled **"Nawaa Application"** being submitted by Anuj Aadarsh Kumar Singh (0835cs121001), Akhilesh Dubey (0835cs121004) and Anuj Kumar Burnwal (0835cs121008) has been examined by us and is hereby approved for the award of degree "**Bachelor of Engineering**" in "**Computer Science & Engineering**", for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve project only for the purpose for which it has been submitted.

(Internal Examiner) **(External Examiner)**

Date: **Date:**

Lord Krishna College of Technology, Indore

Department of Computer Science

PROJECT APPROVAL SHEET

The dissertation work entitled "**Nawaa Application"** submitted by Aadarsh Kumar Singh (0835cs121001), Akhilesh Dubey (0835cs121004) and Anuj Kumar Burnwal (0835cs121008) is approved as partial fulfillment for the award of the Bachelor of Engineering (CSE) degree by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P).

Approved and Supervised By:_

Mr. Vijay Verma
Guide

Lord Krishna College of Technology, Indore

Department of Computer Science

DECLARATION

We, **Aadarsh Kumar Singh, Akhilesh Dubey and Anuj Kumar Burnwal**, student of **Bachelor of Engineering** in **Computer Science & Engineering** discipline, Session: 2015-2016**, Aadarsh Kumar Singh, Akhilesh Dubey and Anuj Kumar Burnwal**, hereby declare that the work presented in this dissertation entitled **"Nawaa Application**" is the outcome of my own work, is bonafide and correct to the best of my knowledge and this work has been carried out taking care of Engineering Ethics. The work presented here does not infringe any patented work and has not been submitted to any other university or anywhere else for the award of any degree or any professional diploma.

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I would like to owe my gratitude and deep sense of respect towards my adviser and guide **Mr**. **Vijay Verma**, whose timing supervision and guidance has given me the moral boost in doing this work fine and furnished. I would like to express my thankful to him for giving me a chance to work in the field of software testing, which is really interesting and wonderful.

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ABSTRACT

Nawaa Application is a web-based salon application with deliver at your door step salon and appointment scheduling functionality. It connects clients, salons, and stylists in an online community allowing users to browse salons and stylists, and book or cancel appointments. Users can also write and read reviews of salons and particular stylists.

Nawaa can specify the stylists salon services that work at your home, as well as the services they offer. Nawaa can also book appointments for customers. It fills this void in a way that is on-demand, easy to use, and effective for users and salon managers.

My project will use MySQL and Java to back the interface with strong database functionality. Some of the major use cases include user account registration, login/logout, appointment scheduling, adding stylists and services to a salon account, adding schedules to stylist account, accumulating points in a client account, writing and reading reviews for specified salons and/or services, and Shopkeeper add salons offer for promotions that users can browse and filter.

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CHAPTER 1

INTRODUCTION

1.1 Objectives

The main objective of Nawaa Application is to save time and complexity of work at saloons and spa. Nawaa application is very much effective website. It is helpful for all person because the uses of this application is very easy. By this you can see all type of hair cut for yourself, parlour work and order according to your need. From this site you can call salon at your door anytime in Indore. After hosting this web application online we also create mobile app (Android and iOS).Because after few year in between every 10 people mostly 7 people will have one android or iOS available. This application is available for search and books your order anytime and anywhere but book your appointment for service online only and use the mode of payment online. If you need to cancel your order that time the order cancel within 30 minutes from the time when the appointment is confirmed.

1.2 Recognition of need

Generally, Saloons hikes a lot in charges of their services. Even their offer is displayed for the limited number of days. For example, as India is a festive country, so to attract the more number of customers saloons offer some bonzas. Even their is a lot of rush in the saloons, which consumes more time.

1.3 Scope

The system is highly flexible one and is well efficient to make easy interactions with the client. The key focus is given on data security, as the project is online and will be transferred in network. The speed and accuracy will be maintained in a proper way.

This will be a user-friendly one and can successfully overcome strict and severe validation checks. The system will be a flexible one and changes whenever can be made easy. Using the facility and flexibility in .NET and SQL, the software

can be developed in a neat and simple manner there by reducing the operator's work.

Since, the project is developed in HTML and Java as a front-end and SQL Yog as a back-end it can be modified easily and used for a long period.

The proposed system maintains all the Saloon services information online. The system identifies various services of saloon and accordingly provides information. The various services are Hair Cut, Massage, Nail Art, etc. It provide information to one and all who visit the shop but to upload your shop. Through this project I have tried to automate the task of:

- Features of Shop
- Details of All Saloon Services
- Price Details
- Available Services information
- Entering the detail contact information, and other information.
- Checking password and confirm password.
- Checking username available or not during the registration process.
- Entering the details like primary information, professional information, contact.

1.4 Problems in existing system

- Saloon Offer is displayed for the limited number of days.
- Maps are not provided for the convenience of the user.
- It doesn't cover the international market that time.
- Only few cities saloon shop can be uploaded.

1.5 Platform specification

Java

Java is a set of web development technologies. Programmers can use it to build static and dynamic web sites. JAVA is an object oriented programming language. All the concepts of JAVA are based on classes and its objects. An object is a real world entity that has some attributes or properties. Class is a prototype, blueprint or template on the basis of which objects are created. An object cannot exist without a class.

SQL SERVER 2005 as Back End:

Microsoft SQL Server 2005 is comprehensive, integrated data management and analysis software that enables organizations to reliably manage mission-critical information and confidently run today's increasingly complex business applications. SQL Server 2005 allows companies to gain greater insight.

Why SQL Server 2005?

SQL Server 2005 is a comprehensive database platform providing enterprise-class data management with integrated business intelligence (BI) tools. The SQL Server 2005 database engine provides more secure, reliable storage for both relational and structured data, enabling you to build and manage highly available, performing data applications that you and your people can use to take your business to the next level.

The SQL Server 2005 data engine lies at the core of this enterprise data management solution. Additionally, SQL Server 2005 combines the best in analysis, reporting, integration, and notification. This enables your team to build

and deploy cost-effective BI solutions with which they can drive data into every corner of your business through scorecards, dashboards, Web services, and mobile devices.

Close integration with Microsoft Visual Studio, the Microsoft Office System, and a suite of new development tools, including the Business. Intelligence Development Studio, sets SQL Server 2005 apart. Whether you are a developer, database administrator, information worker, or decision maker, SQL Server 2005 provides innovative solutions that help you gain more value from your data.

The following diagram illustrates the core components in SQL Server 2005, showing how SQL Server 2005 is a key part of the Windows Server System in integrating with the Microsoft Windows platform— including the Microsoft Office System and Visual Studio—to offer solutions that deliver data to every corner of your organization.

CHAPTER 2

LITERATURE SURVEY

2.1 System Feasibility

The aim of a feasibility study is to see whether it is possible to develop a system at a reasonable cost. At the end of the feasibility study a decision is taken whether to proceed or not. A feasibility study contains the general requirements of the proposed system.

2.1.1 Economic Feasibility

The purpose of the economic feasibility assessment is to determine the positive economic benefits to the organization that the proposed system will provide. It includes quantification and identification of all the benefits expected. This assessment typically involves a cost/ benefits analysis.

For creating this project economically many amounts spend through the Organization like,

I. During creating this application average 20,000 rupees spent through our self by moving in a group member house, internet, arrange meeting out from home (including food) etc.
II. This project is not fully completed that time because some part will create now days like, book or cancel order, view order and track order.
III. After creating web application fully, we will create a mobile application, in which minimum 40,000 rupees will spend.
IV. After creating this application the marketing is required to promote this. So for promoting this application, initially we will spend average 2lakh to 4lakh at beginning.
V. Every year its maintaining cost is need.

But when this project will online then after two to three months it will comes as a just like a storm in the market. After coming in the market the many advantage to the organization that proposed the system like,

a) The Organization's share value is increased and grows day to day.
b) Its can happen one day that turnover of the Nawaa Application Organization can reach more than one lakh dollar.
c) The many person's economic situation may change because we provide saloon services at client door, so that we will need more barber or saloon worker.

2.1.2 Technical Feasibility

This assessment is based on an outline design of system requirements, to determine whether the company has the technical expertise to handle completion of the project. When writing a feasibility report, the following should be taken to consideration:

- A brief description of the business to assess more possible factors which could affect the website.
- The part of the business being examined

The technical feasibility assessment is focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the need of the proposed system.

This application is build in "**Java and HTML**" as a front end and "**Java and SQL Server**" as a back end. Means that we used software like **"Java"**, **"SQL Server"** . But we needed many type of hardware, like

a) **Processor:** Intel Dual Core (or Above)

b) **RAM:** 512 MB

c) **Hard Disk:** 20GB (or Above)

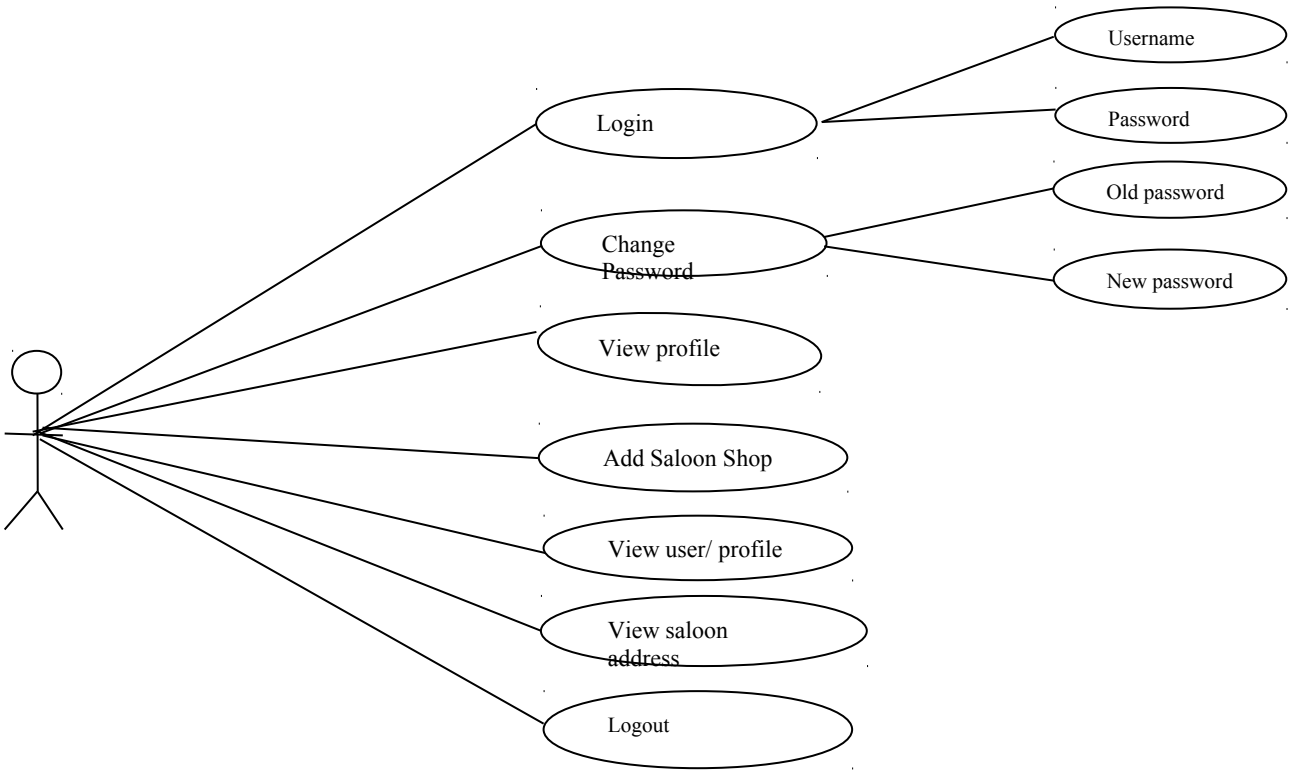
We will also need a technical person who, have a knowledge of Java and SQL Server Database.

CHAPTER 3

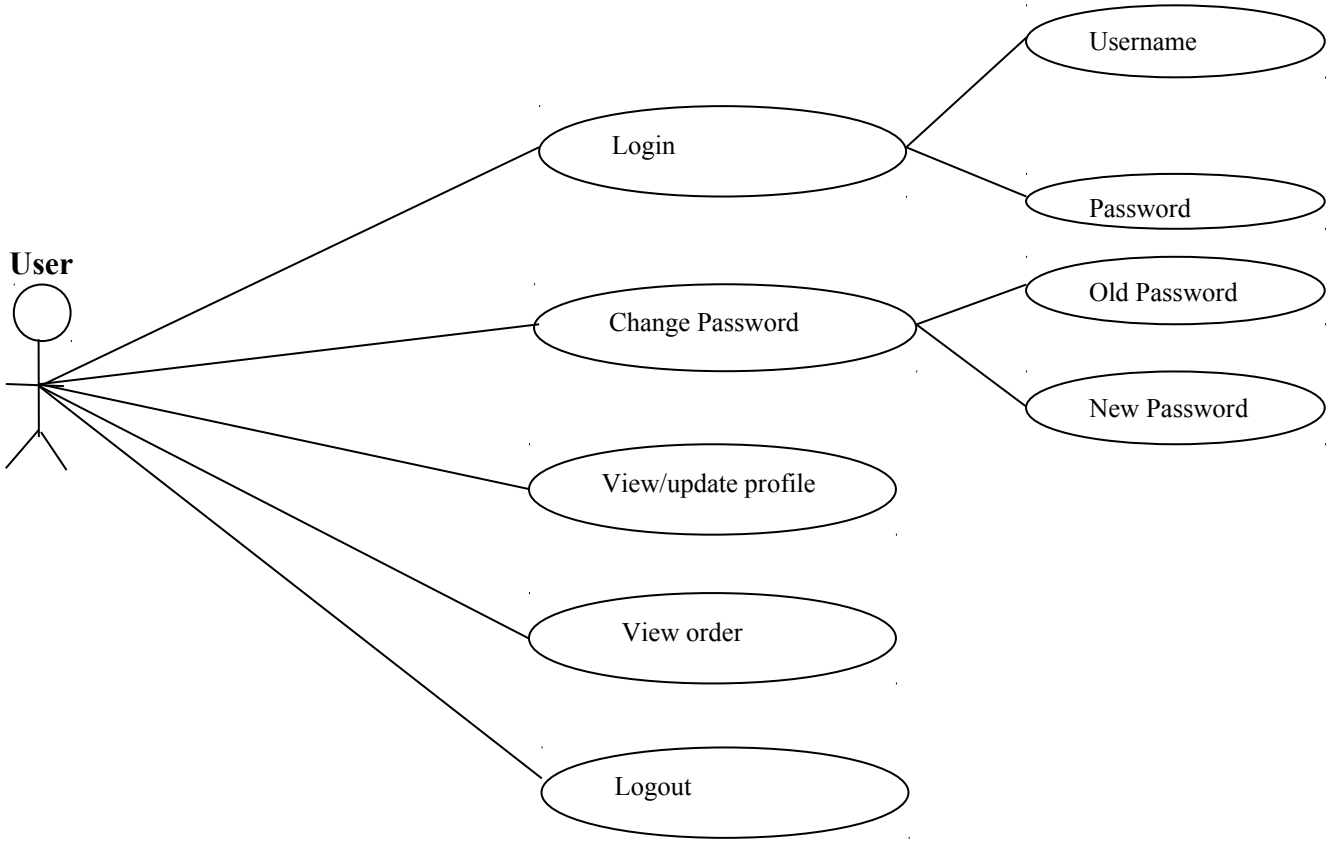
SYSTEM ANALYSIS AND DESIGN

3.1 Use Case diagram & Description

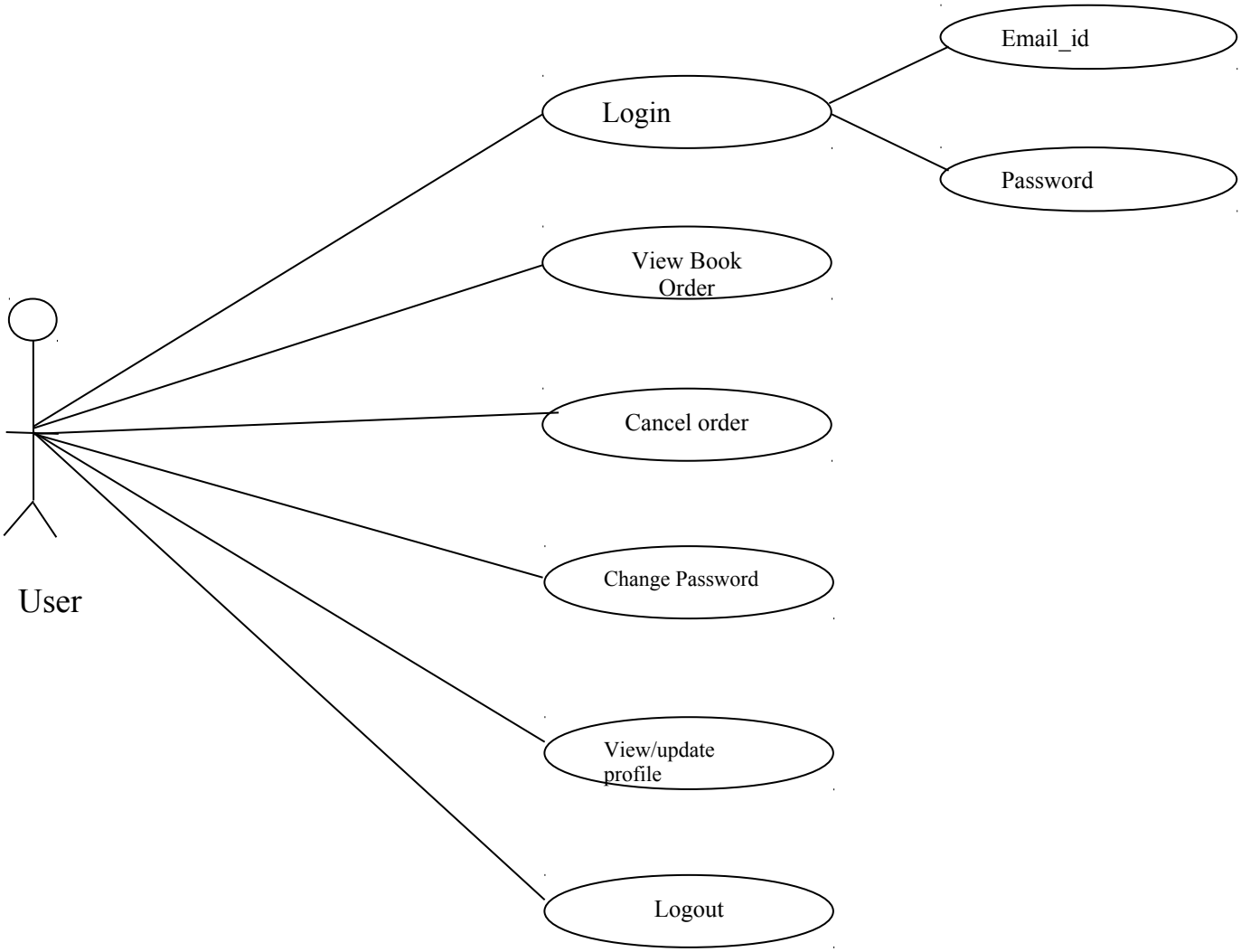
3.1.1 Use Case diagram of admin



3.1.2 Use Case diagram of shopkeeper

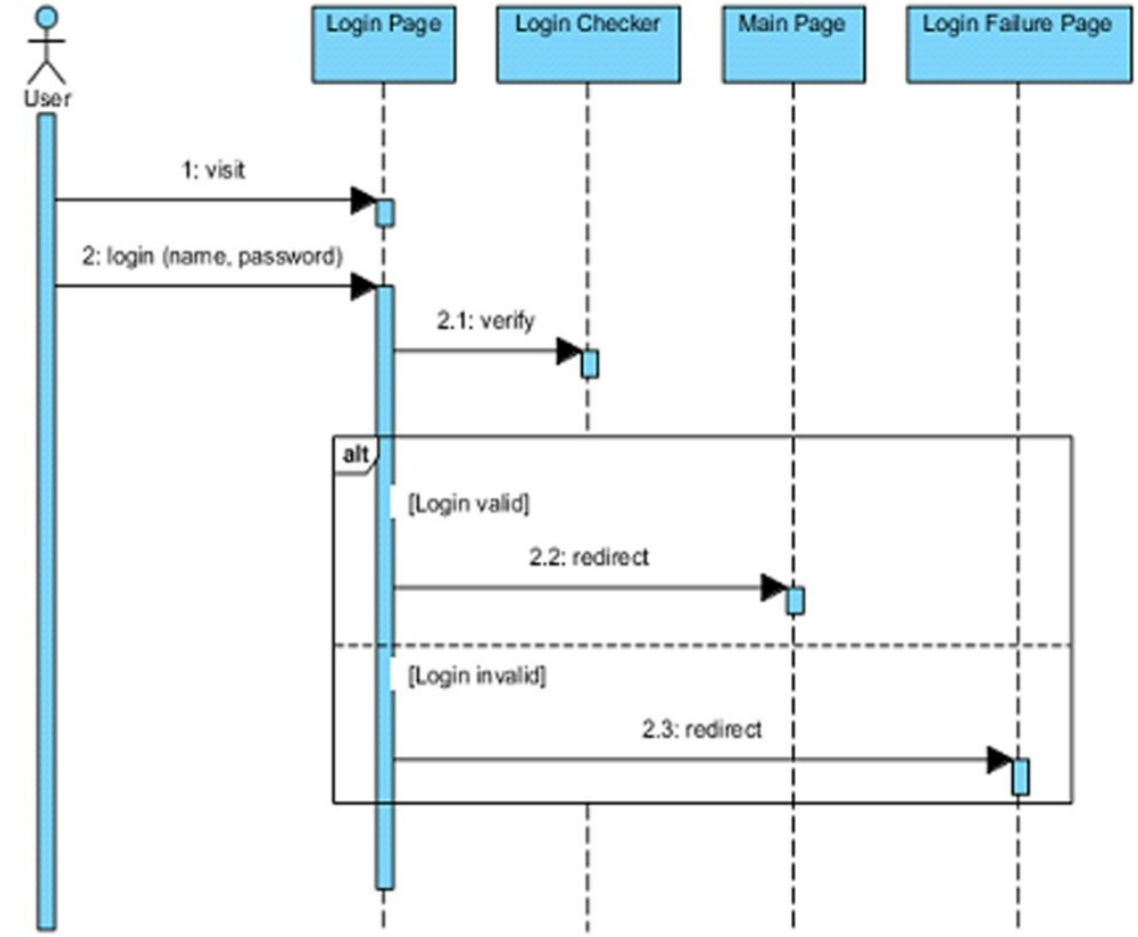


3.1.3 Use Case diagram of user

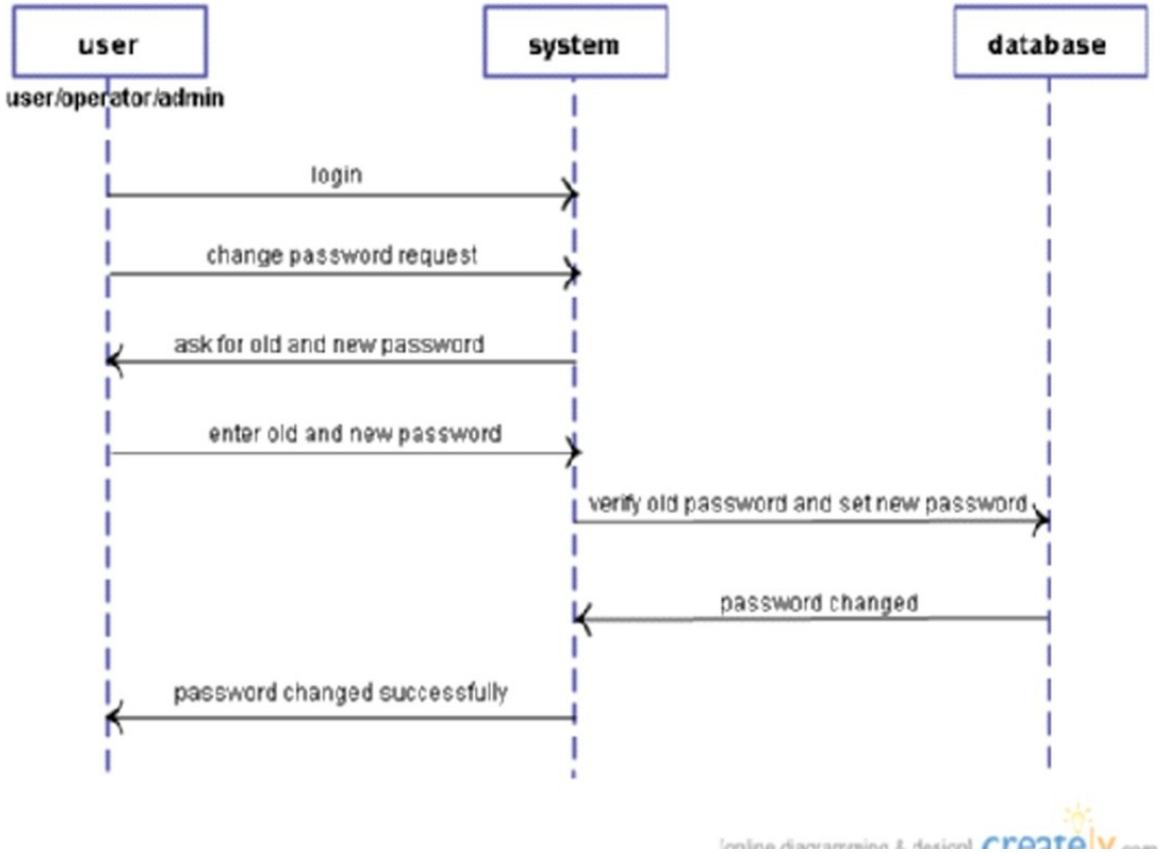


3.2 Sequence diagram & Description

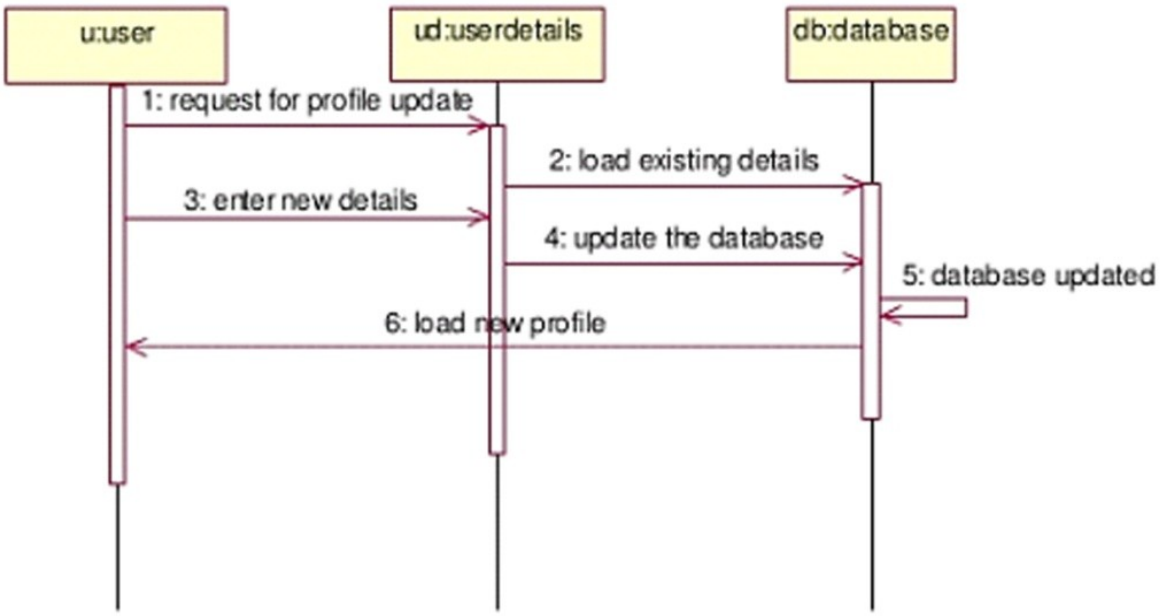
3.2.1 Sequence diagram for Login



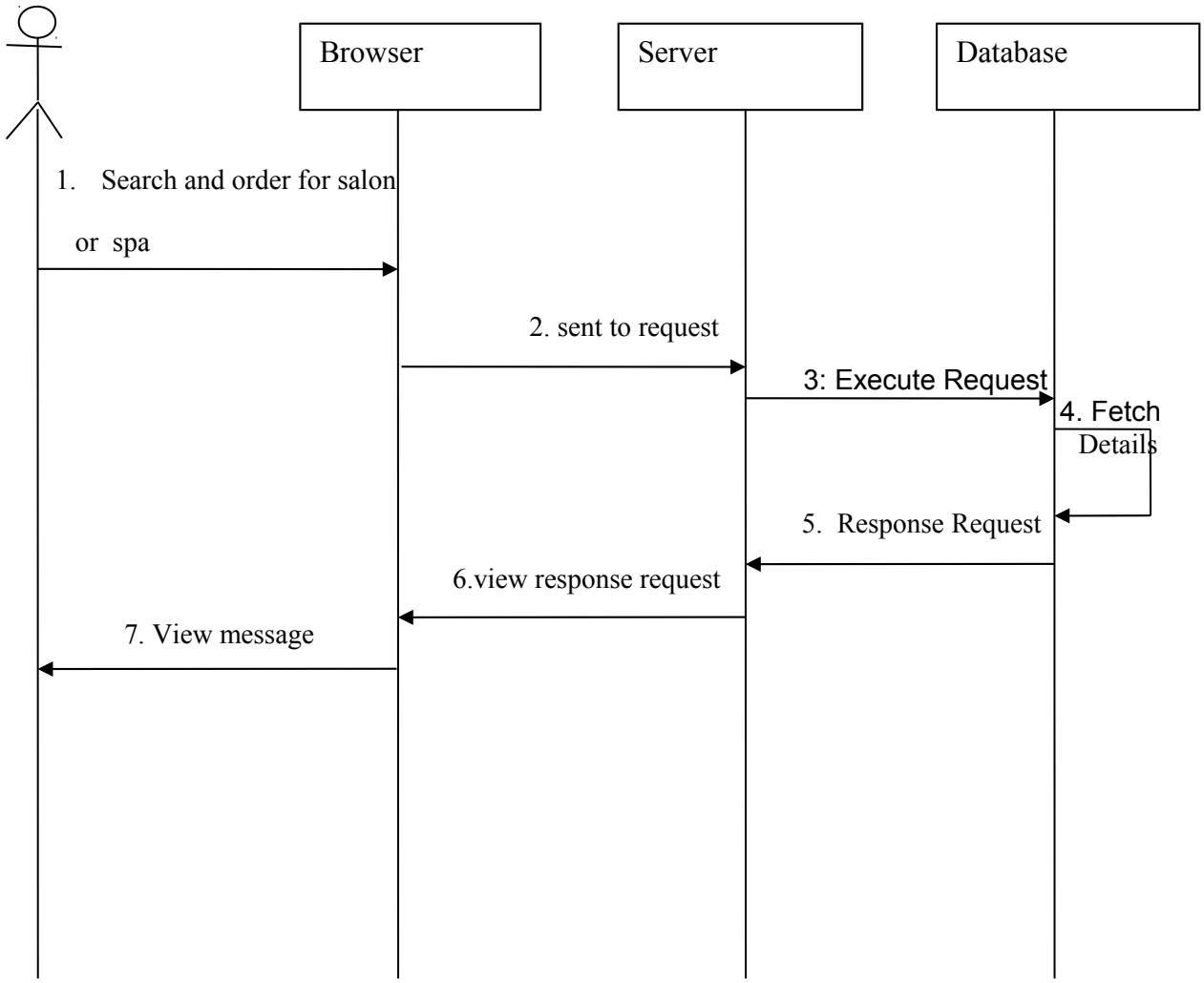
3.2.2 Sequence diagram for Change Password



3.2.3 Sequence diagram for Update Profile

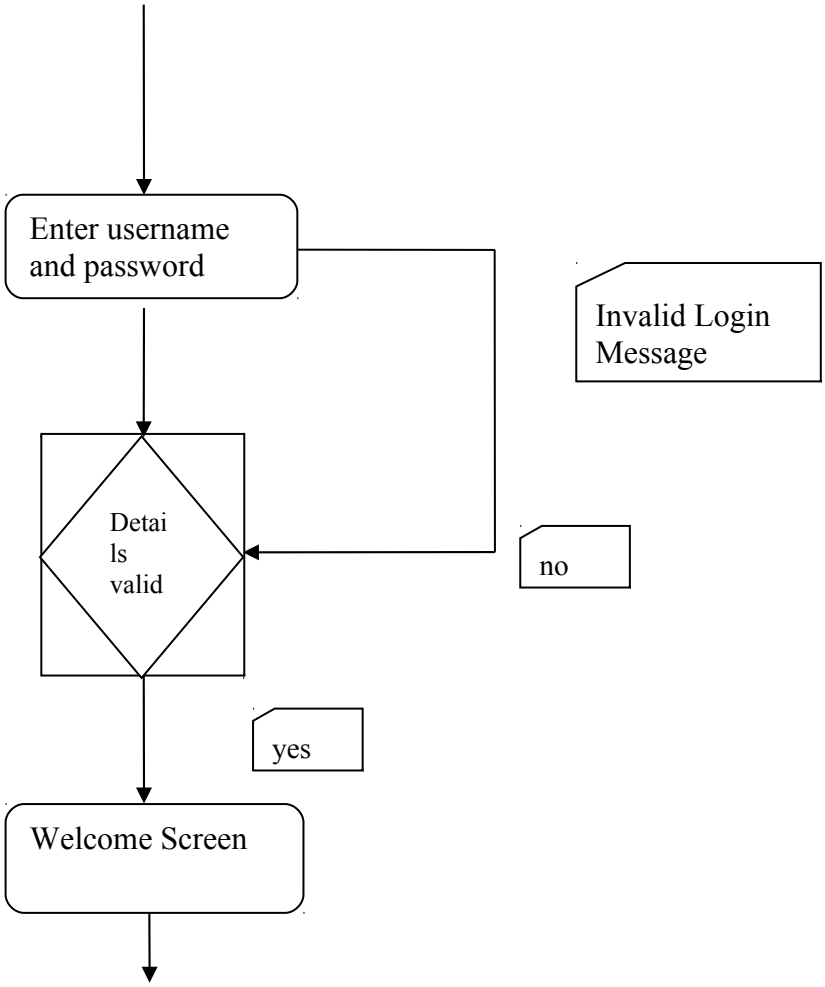


3.2.4 Sequence diagram for Order Saloon and Spa

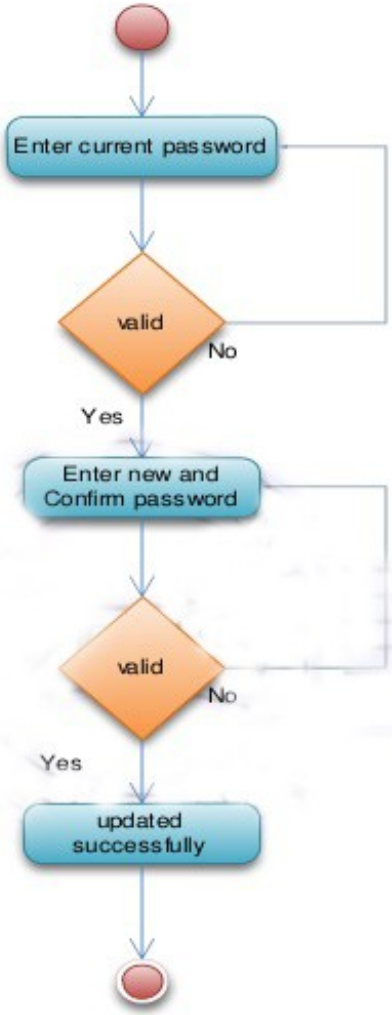


3.3 Activity Diagram & Description

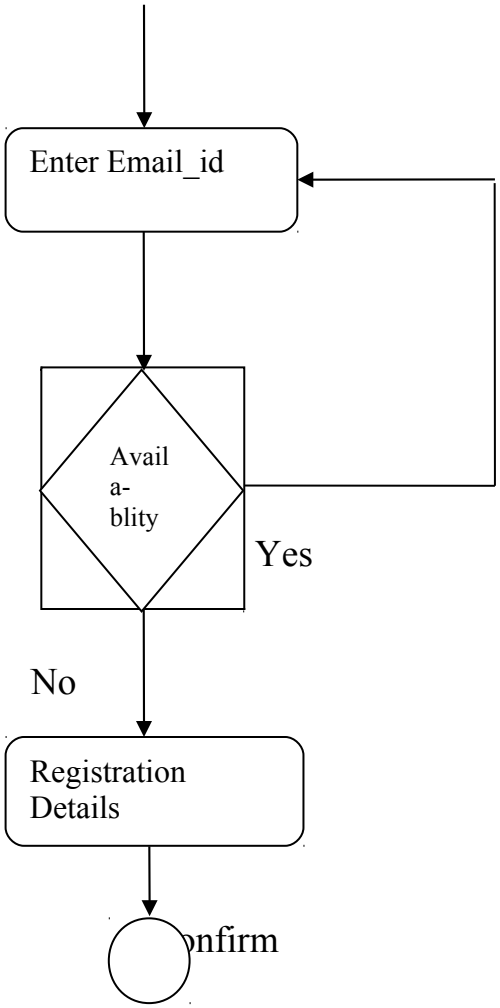
3.3.1 Activity Diagram for Login



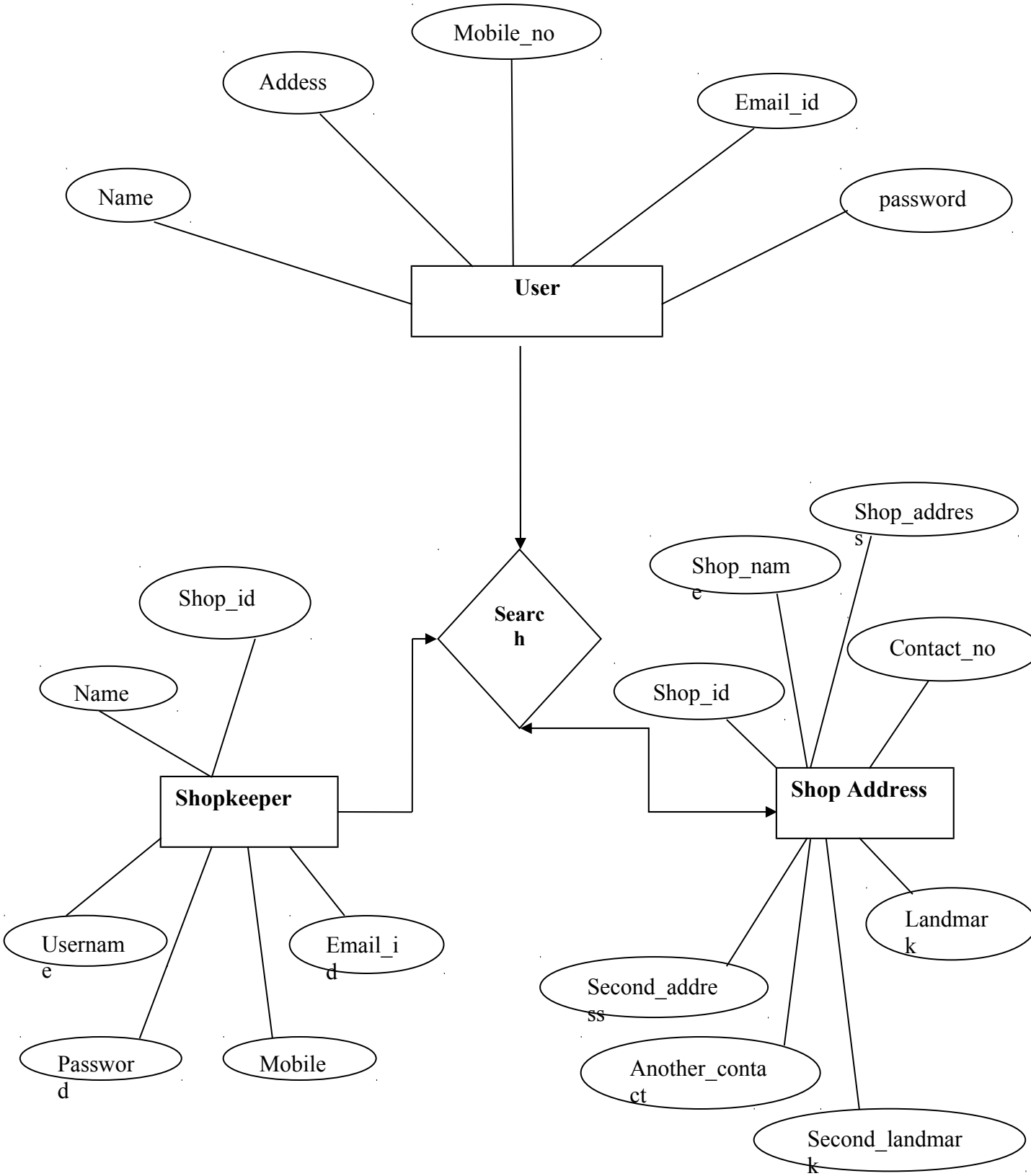
3.3.2 Activity Diagram for Change Password



3.3.3 Activity Diagram for Registration



3.4 E-R Diagram

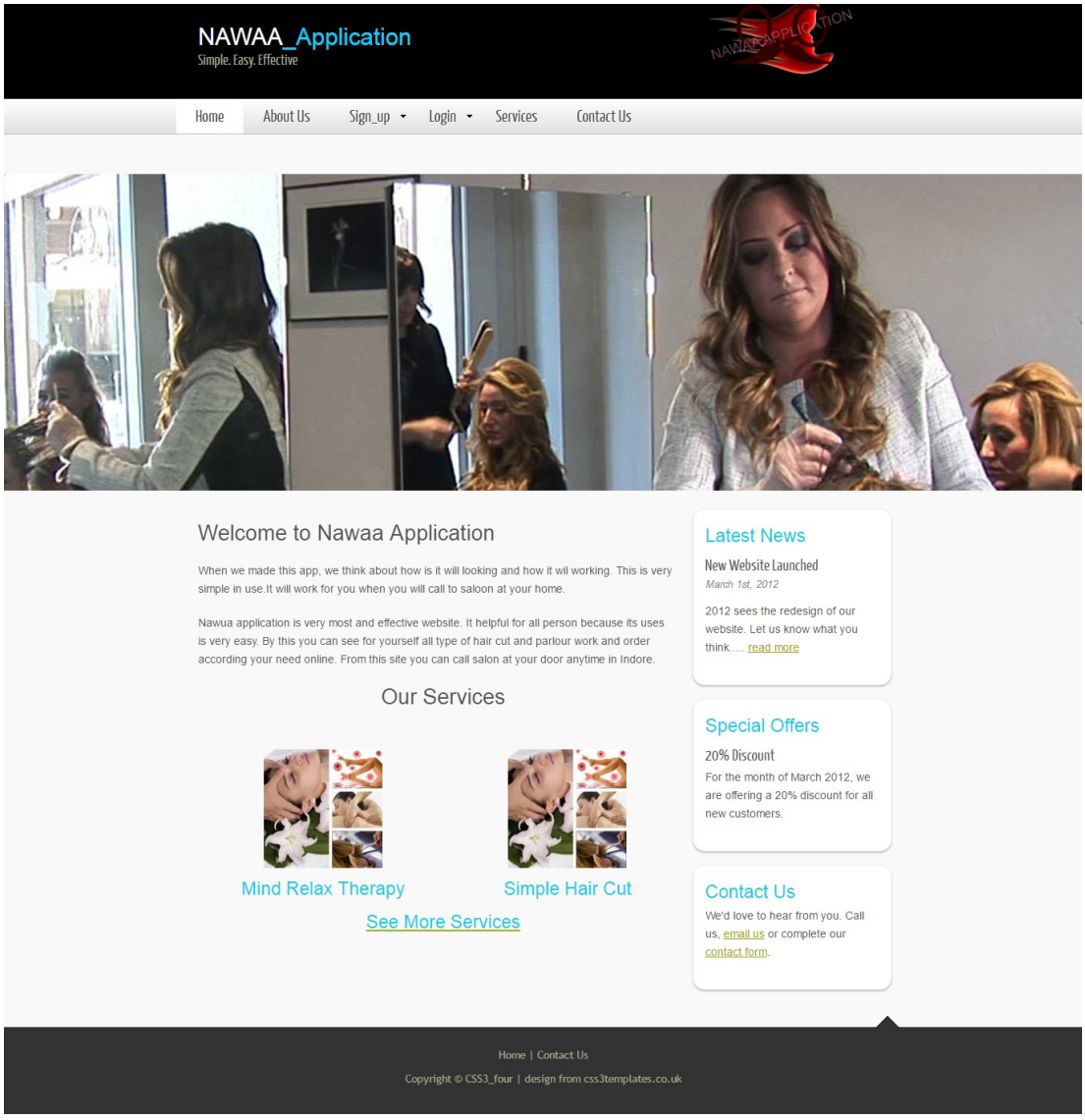


CHAPTER 4

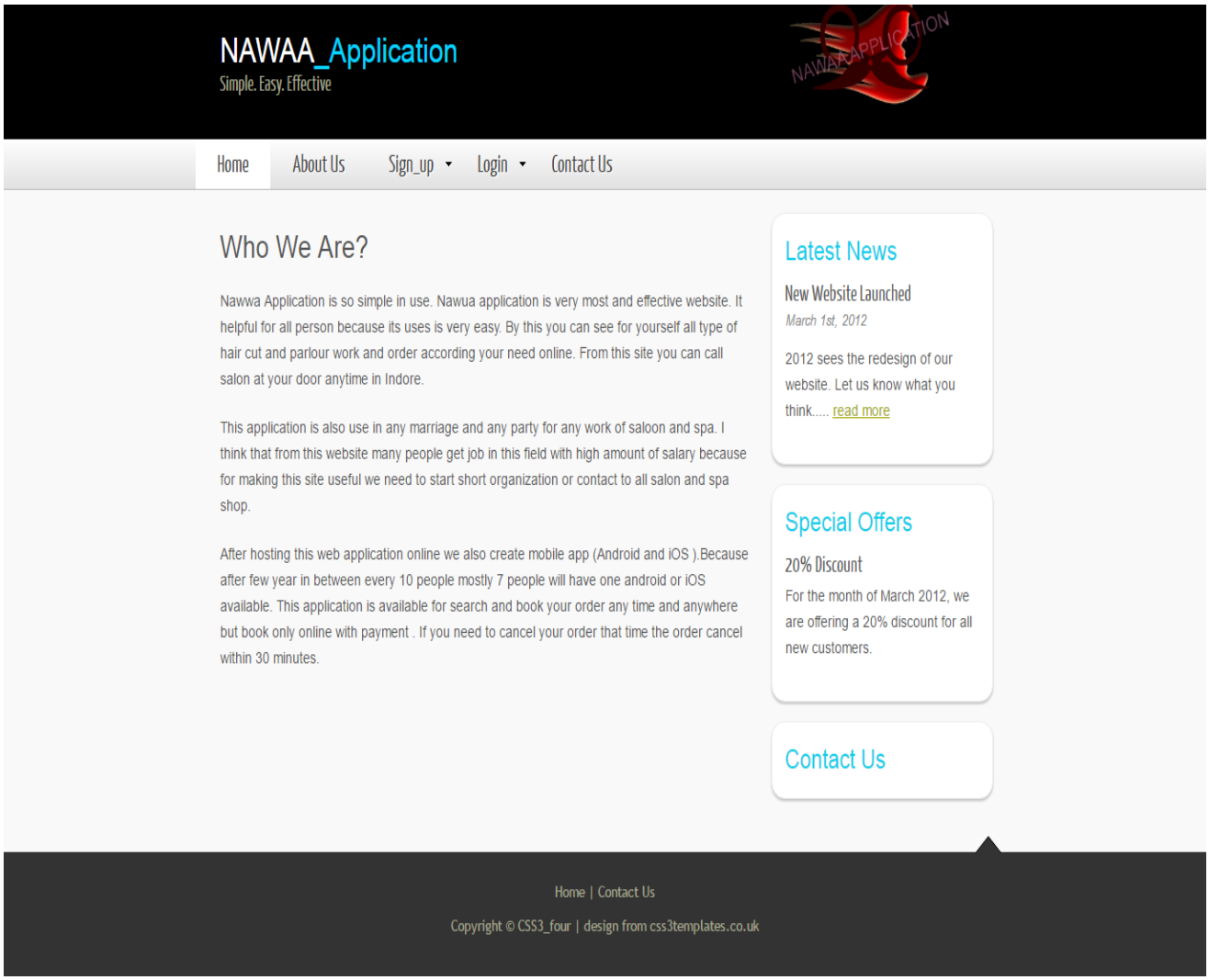
IMPLEMENTATION & RESULTS

4.1 Snapshot of All Pages

4.1.1 Snapshot of Home page

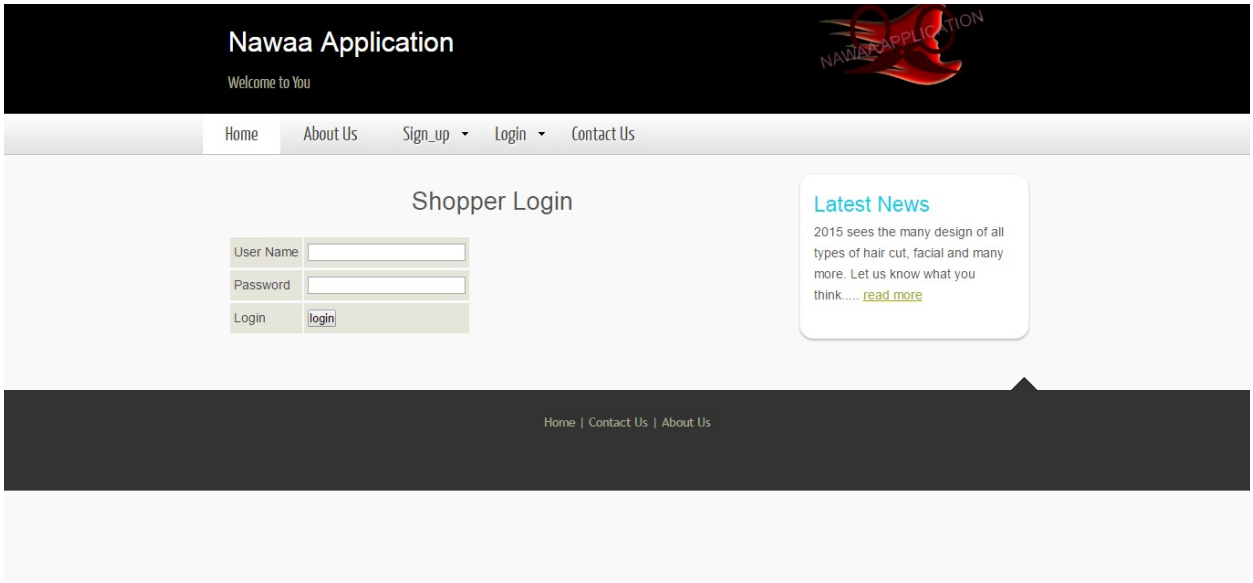


4.1.2 Snapshot of About Us

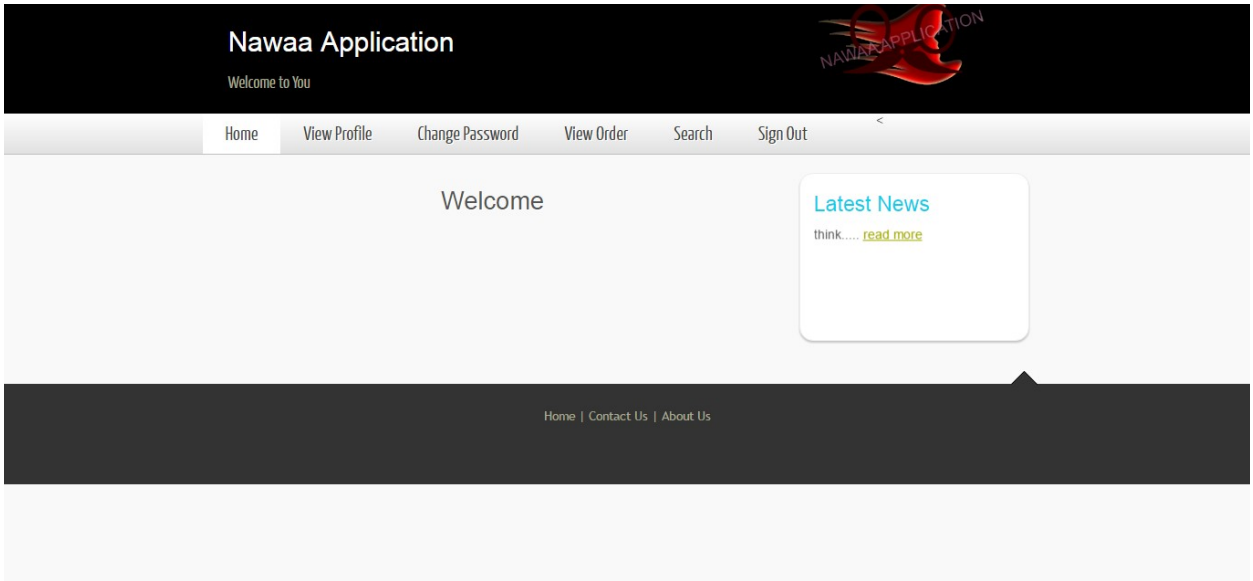


4.1.3 Snapshot of Shopkeeper

4.1.3.1 Shopkeeper Login:

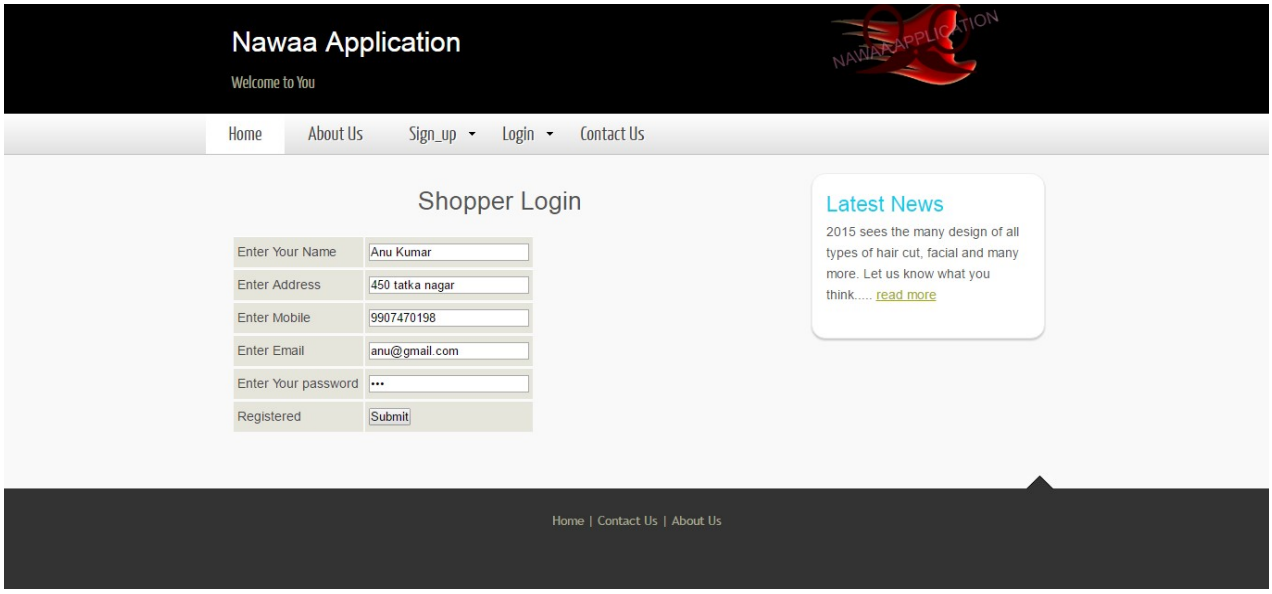


4.1.3.2 Shopkeeper Home Page:

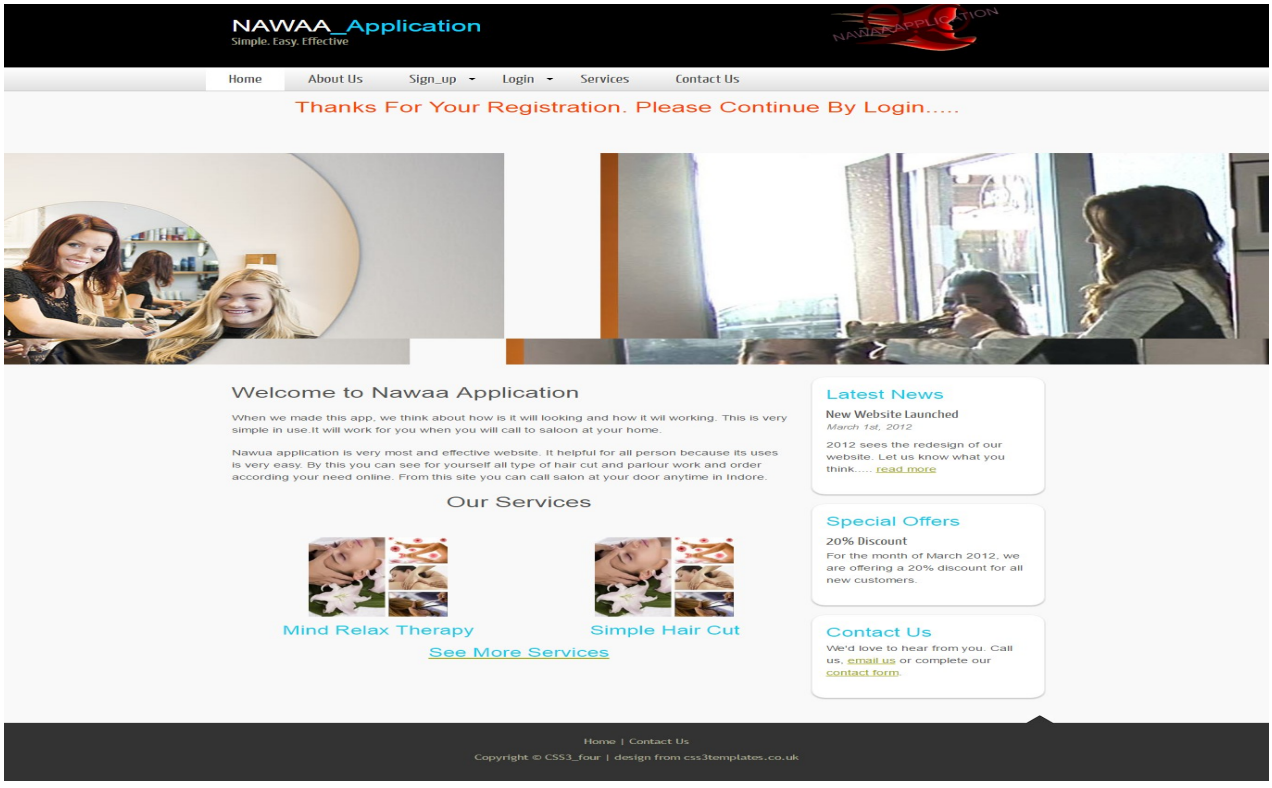


4.1.4 Snapshot of User Registration

4.1.4.1 Registration Snapshot:

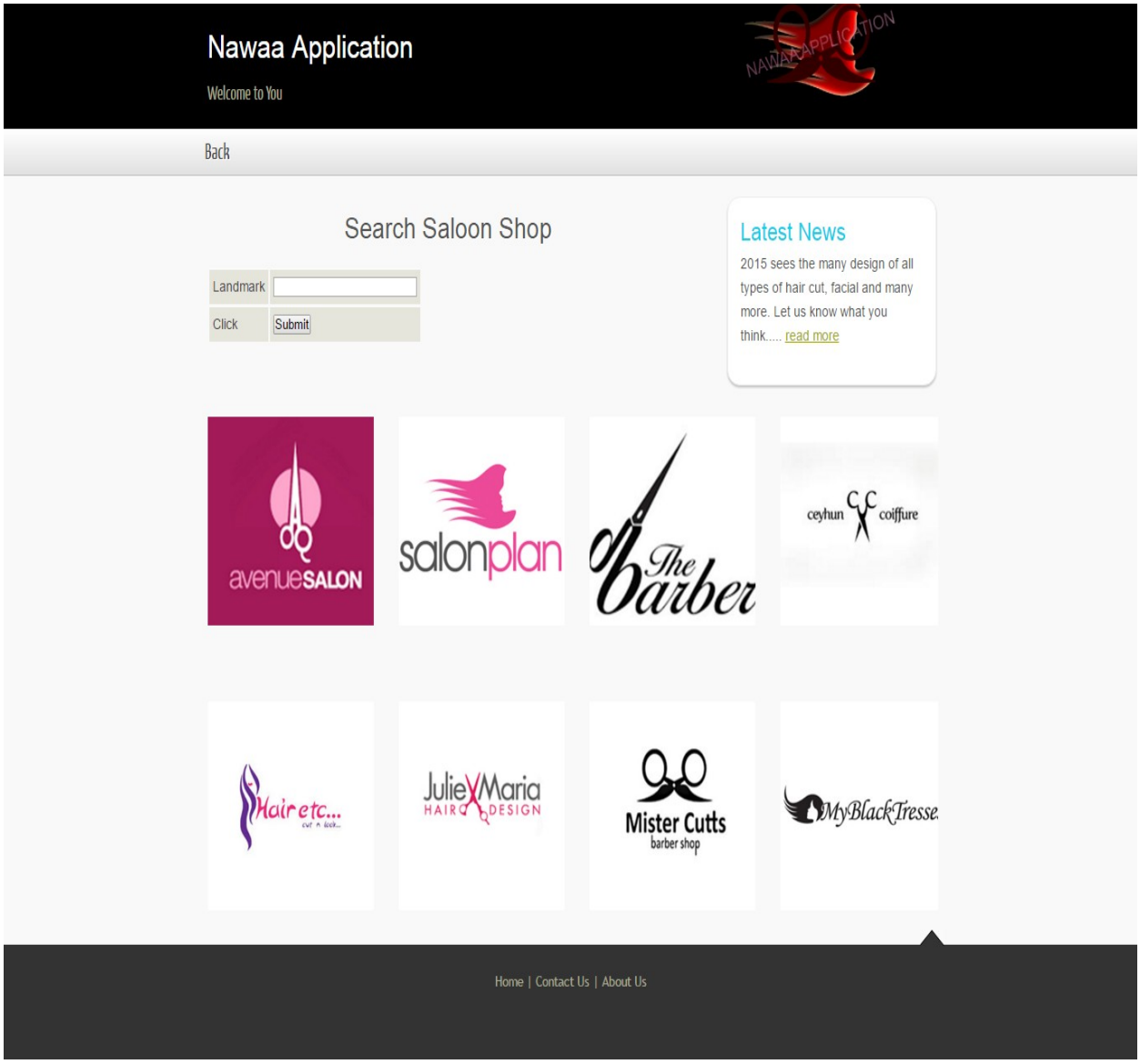


4.1.4.2 After Registration Snapshot:

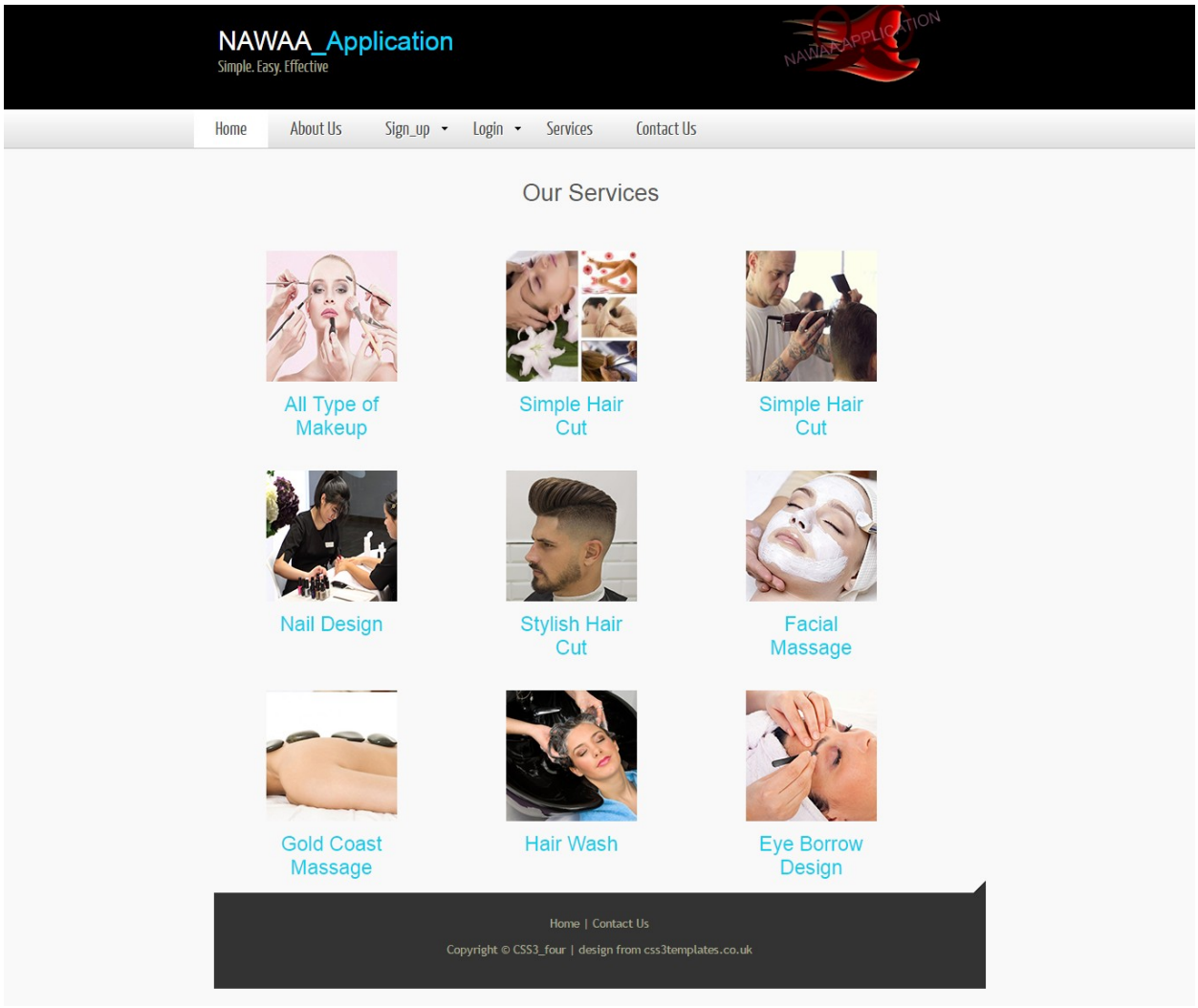


4.1.5 Snapshot of Search

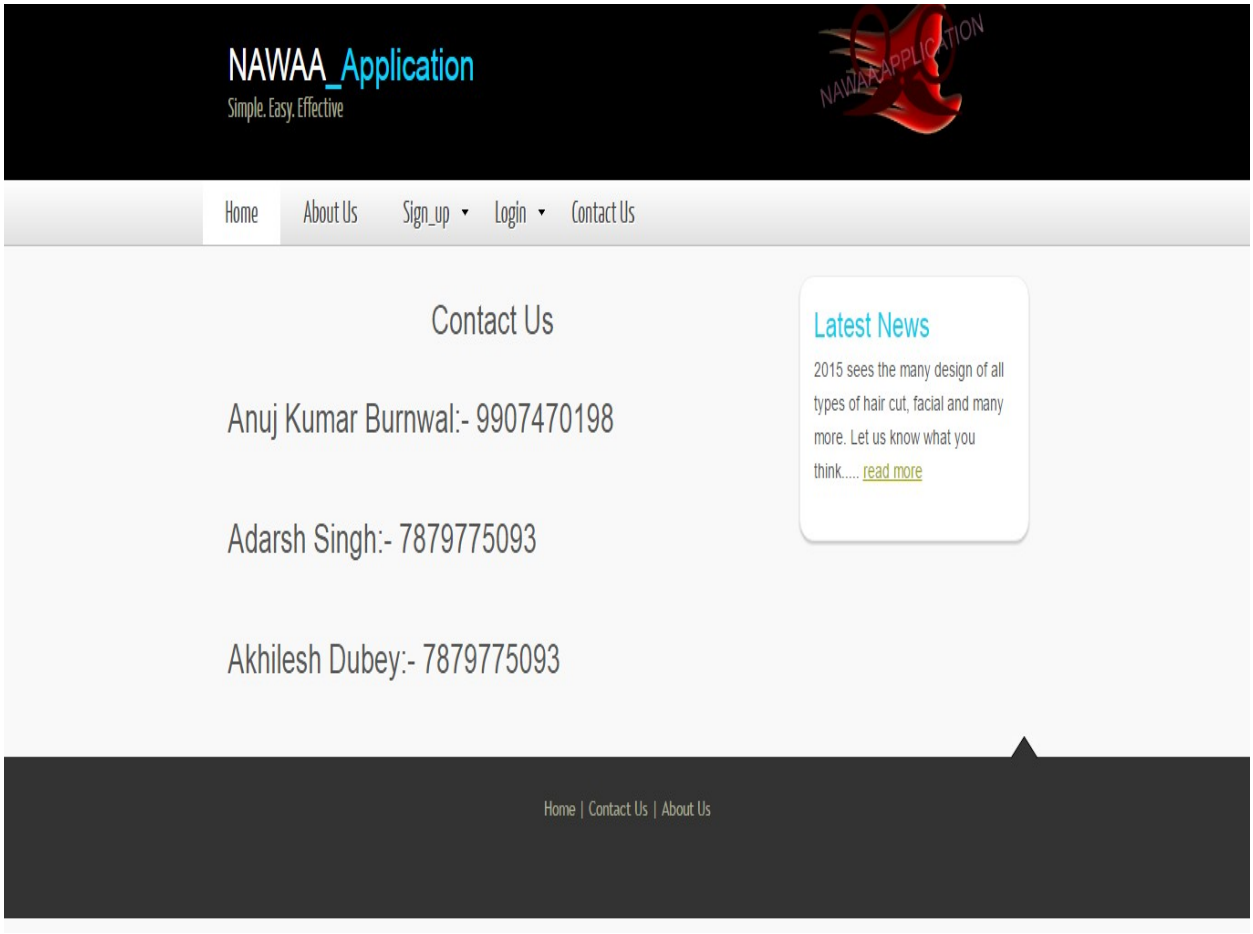
4.1.5.1 Snapshot Of Search:



4.1.6 Snapshot of Services



4.1.7 Snapshot of Contact Us



CHAPTER 5

CONCLUSION AND FUTURE ENHANCEMENTS

5.1 Conclusion

Working on the project was good experience. I understand the importance of planning and designing as a part of software development nut it's very difficult to complete the program for single person. Developing the project has helped us some experience on real-time development procedures.

5.2 Future Enhancements

The application is yet to be released and a lot of enhancements are already thought of which are proposed to be implemented in the final version of the web-application.

The system is highly flexible one and is well efficient to make easy interactions with the client. The key focus is given on data security, as the project is online and will be transferred in network. The speed and accuracy will be maintained in a proper way.

This will be a user-friendly one and can successfully overcome strict and severe validation checks. The system will be a flexible one and changes whenever can be made easy. Using the facility and flexibility in Java and SQL, the software can be developed in a neat and simple manner there by reducing the operator's work. Since, the project is developed in Java as a front-end and SQL Server as a back-end it can be modified easily and used for a long period.

ANNEXURE 1:- Source Code

a) db_con.java

```
/*
 * To change this template, choose Tools | Templates
 * and open the template in the editor.
 */
package com.dbcon;

import java.sql.Connection;
import java.sql.DriverManager;

public class db_con {
    public static Connection con=null;
    static
    {
        try{
   Class.forName("com.mysql.jdbc.Driver");

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/naww
a", "root", "anuj");
    }
    catch(Exception ex)
    {
    ex.printStackTrace();
    }
    }
    public static Connection getcon()
    {
    return con;
    }
}
```

b) search_place

```
package com.Search;

import com.dbcon.db_con;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

/**
 *
 * @author Anuj The Great
 */
public class search_place extends HttpServlet {


   protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
           throws ServletException, IOException {
       response.setContentType("text/html;charset=UTF-8");
       PrintWriter out = response.getWriter();
       try {
           String Landmark=request.getParameter("Landmark");
           Connection con=db_con.getcon();
           PreparedStatement ps=con.prepareStatement("SELECT * FROM
shop_address WHERE Landmark=?");
           ps.setString(1, Landmark);
           ResultSet rs=ps.executeQuery();
```

```
            while(rs.next()){
            HttpSession hs=request.getSession();
          hs.setAttribute("user", Landmark);
          response.sendRedirect("place_search.jsp");
          }

        }
        catch(Exception ex)
        {
        ex.printStackTrace();
        }finally {
            out.close();
        }
    }

    // <editor-fold defaultstate="collapsed" desc="HttpServlet methods.
Click on the + sign on the left to edit the code.">
    /**
     * Handles the HTTP
     * <code>GET</code> method.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doGet(HttpServletRequest request,
HttpServletResponse response)
            throws ServletException, IOException {
        processRequest(request, response);
    }

    /**
     * Handles the HTTP
```

```
     * <code>POST</code> method.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doPost(HttpServletRequest request,
HttpServletResponse response)
            throws ServletException, IOException {
        processRequest(request, response);
    }

    /**
     * Returns a short description of the servlet.
     *
     * @return a String containing servlet description
     */
    @Override
    public String getServletInfo() {
        return "Short description";
    }// </editor-fold>
}
```

c) login.java

```
package com.customer;

import com.dbcon.db_con;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

public class login extends HttpServlet {

    protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String email_id = request.getParameter("email_id");
            String password = request.getParameter("password");
            Connection con = db_con.getcon();
            PreparedStatement ps = con.prepareStatement("SELECT *
FROM cutting_table where email_id=? and password=?");
            ps.setString(1, email_id);
            ps.setString(2, password);
            ResultSet rs = ps.executeQuery();
            if (rs.next()) {
                HttpSession hs=request.getSession();
                hs.setAttribute("user", email_id);
```

```
            response.sendRedirect("home.jsp");
          } else {
            response.sendRedirect("index.jsp");
          }

        } catch (Exception ex) {
            ex.printStackTrace();
        } finally {
            out.close();
        }
    }

+    < HttpServlet methods. Click on the + sign on the left to edit the
code.">

}
```

d) sign_up.java

```
package com.customer;

import com.dbcon.db_con;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class sign_up extends HttpServlet {

   protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
           throws ServletException, IOException {
       response.setContentType("text/html;charset=UTF-8");
       PrintWriter out = response.getWriter();
       try {
           String Name = request.getParameter("Name");
           String address = request.getParameter("address");
           String mobile_no = request.getParameter("mobile_no");
           String email_id = request.getParameter("email_id");
           String password = request.getParameter("password");
           Connection con = db_con.getcon();
           PreparedStatement ps = con.prepareStatement("insert into
cutting_table (Name,address,mobile_no,email_id,password) values
(?,?,?,?,?)");
           ps.setString(1, Name);
           ps.setString(2, address);
           ps.setString(3, mobile_no);
           ps.setString(4, email_id);
```

```
            ps.setString(5, password);
            int i = ps.executeUpdate();
            if (i > 0) {
                response.sendRedirect("ThankPage.jsp");
            } else {
                out.println("Unsuccessful");
            }

        } catch (Exception ex) {
            ex.printStackTrace();
        } finally {
            out.close();
        }
    }

 +      < HttpServlet methods. Click on the + sign on the left to edit the
code.">
    }
```

e) user_profile.java

```
package shopkepper.com;

import com.dbcon.db_con;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.jms.Session;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

/**
 *
 * @author Anuj The Great
 */
public class user_profile extends HttpServlet {

    protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        try {
            String email_id = request.getParameter("email_id");
            Connection con = db_con.getcon();
            PreparedStatement ps = con.prepareStatement("select * from
cutting_table");
            ResultSet rs = ps.executeQuery();
            if (rs.next()) {
```

```
                HttpSession hs = request.getSession();
                hs.setAttribute("user", email_id);
                response.sendRedirect("user_profile.jsp");
            } else {
                response.sendRedirect("admin_home.jsp");

            }
        } catch (Exception ex) {
            ex.printStackTrace();
        } finally {
            out.close();
        }
    }

+    <"HttpServlet methods. Click on the + sign on the left to edit the code.">

}
```

References

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2. Learn Java Online(www.learnjavaonline.org)
3. W3Schools(For Java Script)
4. Tutorial Point Of Java
5. SQL Server 2005 - **Wrox**