

SERVICE PROVISION MANAGEMENT SYSTEM

**A Project Submitted in partial fulfillment of the requirements
for the award of Diploma of Computer Engineering**



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**Under the Guidance of
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COMPUTER ENGINEERING DEPARTMENT

June, 2021

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This is to certify that the Mr. Ayan A. Khan, Roll No. 15 of Sixth Semester of Diploma in Computer Engineering has completed the term work / Project entitled '**Service Provision Management System**' satisfactorily in the partial fulfillment of Project for the academic year 2020-21 as prescribed in the curriculum.

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1 INTRODUCTION

1.1 Basic Introduction

Nowadays the world is moving rapidly towards online or software means of doing work. This global pandemic situation at the current moment has boosted this rally moreover. As everyone wants to shift toward change, towards easiness, towards time convenience and towards software. But there are few things that are not well established on software/online platform, so we analyzed them and that's what lead us to our project topic *Service Provision Management System (SPMS)*. Let us review the name first what comes in mind first after hearing the project topic a service that is facility, provision that is providing, management is handling and system is structure which is a software in this case. So in a nutshell the project name itself means a software that will provide and manage work facility.

In the ongoing era of time when everyone is shifting online as we mentioned earlier a particular group of people are hustling to find work these are the local service provider such as plumber, sweeper, electrician, etc. Similarly on another side of coin it is also difficult for service seeker to find a provider and if they do found there is no surety that he will provide the desirable or satisfactory work. This is where the software comes in role. We decided to build this software by keeping the intention of solving these problems. This software will not only will gift employment to them by participating the online rally but also make easier to do work. On the other hand now the effort of finding a service provider will be completely discarded on the consumers side. Not only this will make easy to find a service provider

instead the software makes it to another level now the consumer can compare and find the best provider. Basically the software is going to be the manager between service provider (worker) and service consumer(seeker) or a medium of connection between these two individuals. In simple word the system will act as broker (one between buyer and seller in real estate or other deals) but unlike brokerage our main objective is to connect provider and consumer not to charge brokerage fees.

1.2 Similar software Available

1.2.1 Name of Software

The project that we are going to implement in our Capstone project is service provision management system. This project or this software is based on providing services to workers who need work to do and have capabilities of performing a particular task or a particular job. Before doing this project we have searched for many similar software like us. After searching we came to know about similar software but not exactly the same. And the name of that software or application is urbanclap.com or urban company (founded 2014). This software is working on the basis of giving services to the Peoples who are in the need to earn money on the basis of doing work. This application gather different types of work fields such as plumber, painter, Carpenter, electrician, workers, labor and many more services to be provided by the service giver. This software is working on the latest software version update of January 2020. Some more similar software are available on internet those are OLA and UBER.

1.2.2 Software Description

This company was founded in 2014 and the owner of this company is Abhiraj Singh Bhal. This software is not open source software this is been

owned by a particular group of people (Abhiraj Bhal, Varun Khaitan, Raghav Chandra) . The CEO of this company is Abhiraj Singh Bhal. Urban Clap is a leading online marketplace for local services such as repair & maintenance, home cleaning, homecare & design, pest control, packers & movers, business services, event management, weddings & party management, health & wellness, salon, etc. Urban Clap was founded in 2014 and it is headquartered in Gurugram. The founders of this company are Abhiraj Bhal; Varun Khaitan; Raghav Chandra. This company was founded in November 2014. Being an online platform, Urban Clap connects internet users with offline workers. Urban Clap was essentially a search-and-find tool during the initial stages. Today, however, it has a model that lists professionals, trains them if necessary, and then connects them to the users in real-time. It is an all-in-one platform for various at-home services. The app can be used to hire professionals for almost all at-home services, from beauticians to sofa cleaners, carpenters, car-cleaners, plumbers, technicians, etc. UrbanClap allows users to connect with skilled and experienced professionals for at-home service.

1.3 Technical Insight to the Project

1.3.1 Logical Framework

The software is based on the practical logic of booking a service and as we know the two main characters involved in this process are consumer and provider. Now how this work practically is consumer seek the provider tell him about the work then provider examine the work and tells the desirable charges. After all both the parties negotiate and fix or reject the deal. So what we got to know from the provider in practical life is that they consider various things while telling the charges one of the key factor that we noticed that these

provider has organization which has certain rules regarding the charges applied and site of work. These rules are obviously not followed up to date in some conditions as there is no one to monitor and everyone wants their own benefit. The software will work on similar logic with some beneficial changes as this whole communication process will be done virtually by software.

1.3.2 Technical Things Involved

Sorting by charges, ratings, physical location are several technical factors that will affect the practical work. As the user will consider and compare all these factors while booking service. Now here the organization methodology and looting of consumer is completely demolished. Another key technical feature which can be proven extraordinary is the Global Position System GPS the idea of getting a service provider that lives or work nearby is not only time saving but it adds more reliability to work.

1.3.3 Business Process

Providing service to someone and getting paid or paying someone to get work done in any terms both parties try to gain maximum profit. But only one person making profit is looting, business is when everyone makes profit. The frame work of our project is to provide equal amount of gain to both service provider and consumer

1.4 Why Java, Html & MySQL?

Mostly we want to develop a website in this project. According to our diploma course we have decided to use the languages we have learned in this diploma till the 5th semester and the languages we are good at. That comprise Java, HTML and MySQL.

1.4.1 WHY JAVA?

First reason to choose Java because it is an Object-Oriented Programming Language, it has various concepts that are convenient to use for us. Java has become a more accessible language and it supports principles like Data Abstraction, Polymorphism, Encapsulation, Overloading, and Inheritance. According to the backend web developers, this makes the language as powerful as other. The coding ease defines how simple a programming language is. This holds true for Java as well. Because it has a less ambiguous syntax terminology. Anyone can start right off with Java having the fundamental principles of programming and it supports data security. Therefore, to build websites, web apps or mobile apps are both secure and robust.

Secondly, nowadays we all are known creating dynamic web pages have the capability to change the site contents according to the time or are able to generate the contents according to the request. Therefore, I think servlet is one of the easy ways to creating dynamic web pages and servlet is a Java programming language class that is used to extend the capabilities of servers that host applications accessed by means of a request-response programming model. They are used to handle the request obtained from the web server, process the request, produce the response, then send response back to the web server. Although servlets can respond to any type of request. Servlets are capable of handling complex requests obtained from web server.

This is the programming language that is omnipresent on the desktop systems, smartphones, web, embedded systems, or wherever you can think of. Having efficient stability and scalability, Java has become a universal programming language. The multi-threaded environment supported by Java also gives a user with quick response time, fewer issues, multi operations, better performance,

and faster concurrent access. For these reasons, we select Java as backend with MySQL database.

1.4.2 WHY HTML?

HTML or Hyper-text Mark-up Language is a globally accepted programming language for formatting web pages. In today's world, it is commonly used along with Cascading Style Sheets (CSS) to give web pages the look and feel we desire. Through HTML, the look and appearance of images, links, headings, text, page layout and just about every element of a web page can be formatted. HTML is easy to use and understand. It is cost-effective and affordable for those who can make the changes as per need of website. All browsers support HTML and most search engine friendly.

1.4.3 WHY MySQL?

MySQL is a relational database management system based on SQL – Structured Query Language and it is freeware. The application is used for a wide range of purposes, including data warehousing, e-commerce, and logging applications. The most common use for MySQL is for the purpose of a web database. It can be used to store anything from a single record of information to an entire inventory. Create websites which will interact in real-time with a MySQL database to rapidly display categorized and searchable information to a website user.

1.5 Software Engineering process deployed

1.5.1 Why we used Waterfall model?

The Waterfall Model is the earliest Software Development Life Cycle approach that was used for software development. This model is an example of a sequential model. The waterfall model is very simple to understand and use. In a waterfall model, each phase must be completed before the next

phase can begin. Onwards we study each phase of waterfall model followed in our project. Following are some basic reasons for choosing waterfall model;

- Requirements are clear and fixed that may not change.
- There are no ambiguous requirements (no confusion).
- It is good to use this model when the technology is well understood.
- The project is short and cost is low.
- Risk is zero or minimum.

1.5.2 Phases in Waterfall model

i. Requirement Analysis and Gathering

To avoid the unavailability of resources we first analyzed what kind of information is required. We observed that it is very essential to have technical as well as practical knowledge of work field. We gathered them both technical by reading books, visiting reliable sites and by listening to seminars. And practical life knowledge by interrogating service providers and visiting work fields.

ii. System Design

System design is somehow like architect planning one must have to decide which component he or she is going to use and that's the base on which whole building will stand. We wanted our project to be strong and helpful so we decided the tycoon elements of software engineering which are java, html, MySQL and CSS the reason for these languages is stated earlier. Also the screens and database of our project were designed with enthusiasm. We made sure that every essential screen is designed along with its own database.

iii. Implementation

Most important phase or we can say heart of any software project is implementation. We assured that the implementation must go according to planning step by step. In implementation the key feature is to manage relation between inputs and outputs. We coined every single penny of our imagination to build our project more easy, reliable and helpful.

iv. System Testing

No matter how hard we try to avoid the mistakes but eventually there are certain things which does not go according to our will. Testing is to fix this problem and so we did tested or confirmed about every single element. We tested that the database had all the required fields and attributes along with there importance via keys. How and which graphic component will go to which block of code, and that program will reach which database for pickup, insertion and modification of data records.

v. Deployment

Project deployment is phase of waterfall model which deals with delivery of software to client which is obviously not applied in our case. But then also we are implementing our project in way that it performs well in market place with bundle of users. No doubt that the user satisfaction is always top line approach that's why we designed our software in way to be attractive, easy to use and useful.

vi. Maintenance

The last phase of Waterfall model is maintenance that is very essential as we want our software to be long-lasting. Change is necessary to survive for

changing and adaption of new technology java is compatible language hence we decided to go for it. We designed our system in such a way that modification should no me a matter. All the modules, methods, attributes, etc. are so pre-designed for updates in future.

2 LITERATURE REVIEW

2.1 Technical literature

2.1.1 Head First Java

Author: Kathy Sierra & Bert Bates (2nd Edition)

Publisher: Shroff/O'Reilly.

Derivation from page no.: 50 to 55.

About book: Head First Java is a complete introduction to object-oriented programming and Java. We can learn everything from the fundamentals to advanced topics, including threads, network sockets, and distributed programming with RMI.

2.1.2 Mobile Location Services: The Definitive Guide

Author: Andrew Jagoe.

Derivation from page no.: 180 to 188

About book: Includes case studies based on real world solution deployments with Vicinity, ATX, Ford and Hutchison 3G.—Insights into differences between solutions for US and European marketplaces.

2.1.3 Mastering Front-End Web Development.

Author: Chong Lip Phang

Derivation from page no.: 90 to 108

About book: The reader will be introduced to more than 200 web extensions, frameworks, tools, and libraries, along with a complete illustration of all Web APIs known to the world today.

2.1.4 Beginning Database Design Solutions

Author: Rod Stephens

Derivation from page no.: 200 to 209

About book: The Beginning Database Design Solutions by Rod Stephens has the best advice on normalization, common database design patterns, and common design pitfalls you need to avoid. It tells how to plan a database's structure so that the database will be robust, resistant to errors, and flexible enough to accommodate a reasonable amount of future change.

2.1.5 Java: A Beginner's Guide

Author: Herbert Schildt

Derivation from: page no.56 to 60

About book: It includes the basics, such as how to create, compile, and run a Java program. He then moves on to the keywords, syntax, and constructs that form the core of the Java language. The book also covers some of Java's more advanced features, including multithreaded programming, generics, lambda expressions, Swing, and JavaFX.

2.1.6 The art of SQL

Author: Stéphane Faroult

Derivation from page no.: 190 to 200

About book: The Art of SQL offers best practices that teach experienced SQL users to focus on strategy rather than specifics. Faroult's approach takes a page from Sun Tzu's classic treatise by viewing database design as a military campaign. You need knowledge, skills, and talent.

2.1.7 Core Java Volume I – Fundamentals

Author: Cay S. Horstman (11thEdition)

Publisher: Prentice Hall

Derivation from page no.: 33 to 39

About book: In the first volume, Horstman offers in-depth coverage of fundamental Java and UI programming, including objects, generics, collections, lambda expressions, Swing design, concurrency, and functional programming.

2.1.8 HTML & CSS: Design and Build Web Sites

Author: Jon Duckett .

Publisher: Wrox .

Derivation from page no.: 88 to 95

About book: A full-color introduction to the basics of HTML and CSS from the publishers of Wrox! Every day, more and more people want to learn some HTML and CSS so he published this book for the beginners and the intermediate learners of the html.

2.1.9 Data Strategy. (How to Profit from a World of Big Data, Analytics and the Internet of Things)

Author: Bernard Marr.

Derivation from page no.: 133 to 138

About book: Packed with case studies and real-world examples, advice on how to build data competencies in an organization and crucial coverage of how to ensure your data doesn't become a liability, Data Strategy will equip any organization with the tools and strategies it needs to profit from Big Data, analytics and the Internet of things.

2.1.10 <https://www.urbancompany.com>

Owner: Abhiraj Singh Bhal.

About: Urban clap helps us to make some bugs cleared during our project making, which will lead us to not to repeat the mistakes done by them, and to have a user friendly software. Today, however, it has a model that lists professionals, trains them if necessary, and then connects them to the users in real-time.

2.1.11 <https://www.uber.com/in/en/>

About: It is a software application which provides online cab or taxi booking service. It has the similar kind of interface as of our project so it is used as reference. It connect the local taxi drivers and consumers by the means of software using GPS.

2.1.12 https://en.m.wikipedia.org/wiki/Location-based_service

Information / knowledge gained: By referring this link we got to learn that there are a number of ways in which the location of an object, such as a mobile phone or device, can be determined. Another emerging method for confirming location is IoT and block chain-based relative object location verification.

2.1.13 GPS Fleet Tracking Systems

Author: Antoine Zgheib

Derivation from page no.: 88 to 99

About book: This book contains Introduction to Fleet Management and GPS trackers. Advantages for fleet managers. Benefits of tracking technology. Other assets and factors that contribute to business efficiency with tracking systems.

2.1.14 Digital Labour Platform

By World Labour Organization

Derivation from: page no. 13 to 24

About book: The book tells us about the decreasing want of human labor and provides the solution by the terms of Digital platforms. Various concept such as work hours, tax on business, management of online platforms, etc. are very deeply discussed by ILO.

2.1.15 Location based services

Author: Syed Ahson

Derivation from: page no. 155 to 251

About book: All the digital or online services that are based on physical location of work are explained here. It shows how to implement GPS correctly in a software project and make a digital business platform.

2.1.16<https://stackoverflow.com>

Knowledge gained: The website helped us in encountering various errors in all languages while programming. It is very popular site known for taking references and guidance in programming.

2.1.17<https://www.geeksforgeeks.org/>

Knowledge gained: Any concepts regarding computer engineering or software development is well described on this site. It is one of the best site to understand the programming concepts.

2.1.18 Evidence based Software Engineering

Author: Derek Jones

Derivation from: page no. 115 to 140

About Book: The book describe how software engineering can benefit a project using evidence from another structure. The book explains the roles of primary studies (experiments, surveys, case studies) as elements of an over-arching evidence model, rather than as disjointed elements in the empirical spectrum.

2.1.19 Network based Software Architecture

Author: Joy Thomas

Derivation from: page no. 38 to 75

About book: The book integrates the software engineering and network engineering. It teaches us about risk mitigation of involving computer networking in any project. Many models that deals with optimization of system are elaborated deeply in it.

2.1.20 Communication in Computer and information Science

Author: Muhammad Sulayman

Derivation from: page no. 59 to 67

About book: The article describes the current situation of communication in the world of computer software. The paper was presented during the initial era of covid-19 pandemic situation. Hence it described how online communication will have a surge in upcoming time.

2.2 Practical life related literature

2.2.1 Basic Service Management

Author: Rob England

Derivation from: page no. 10 to 13

About book: It's a great pocket guide and quick reference (at only 50 pages) on how to operate any enterprise that's based on service delivery. The book describes, in a no-nonsense fashion, the foundational concepts of service management and can be a great reference for helping you to explain these concepts to others.

2.2.2 The Five Dysfunctions of a Team

Author: Patrick Lencioni

Derivation from: page no. 25 to 37

About book: This book helps the reader to understand the five common "dysfunctions" (absence of trust, fear of conflict, lack of commitment, avoidance of accountability, and inattention to results) and helps you to address issues related to them. In the context of the five dysfunctions, one can

quickly see how any of them could affect your service management program and cause serious disruption or even failure. In my opinion, being able to identify and remedy these dysfunctions will significantly help with the adoption of your service management practice.

2.2.3 Crucial Accountability

Author: Kerry Patterson, Joseph Grenny, Ron McMillan, Al Swizler, and David Maxfield

Derivation from: page no.44 to 45

About book: This book provides a strategy for how to best deal with accountability issues without harming relationships. It's also a great reference for any of your team members who engage, or will be engaging, in business relationship management.

2.2.4 Government Acts (Legal Obligations Of Technology Service Providers As Intermediaries)

Imposed on: 04 January 2020 by EquiCorp Associates.

Act: In India, these technology service providers or Intermediaries are governed by the provisions of Information Technology Act, 2000 ("IT Act") along with Information Technology (Intermediaries Guidelines) Rules, 2011 ("Intermediary Rules").

2.2.5 <https://www.unionplus.org/page/how-unions-work>

About: The website provides information about union of labors and other local service provider. Concepts of workers organizations such as how the help each other by this integrated circuit are well illustrated. Basically it shows the importance of work union.

2.2.6 Mobile Location Services: The Definitive Guide

Author: Andrew Jagoe.

Derivation from page no.: 180 to 188

About book: Includes case studies based on real world solution deployments with Vicinity, ATX, Ford and Hutchison 3G.—Insights into differences between solutions for US and European marketplaces.

2.2.7 <https://www.refercandy.com>

Information gained: A referral program is a deliberate, systematic way of getting people to make referrals to your business. It's often called word-of-mouth marketing because, well, it rewards existing customers for sending new customers to shop with your brand.

2.2.8 https://en.m.wikipedia.org/wiki/Online_service_provider

Information gained: This website helped us to gain knowledge about what does the people exactly need as online services, from this link we got to learn that some of the resources and services online services have provided access to include message boards, chat services, electronic mail, file archives, current news and weather, online encyclopedias, airline reservations, and online games.

2.2.9 Impact of ILO Conventions on Indian Labour Legislation

Author: Sunitha Kanipakam

Derivation from: page no.51

About book: This book is about the benefits received by India from ILO conventions. The book examines the potency of the ILO as an instrument of social progress.

2.2.10 The lean start up.

Author: Eric Ries.

Derivation from page no.: 90 to 107.

About book: Concepts such as rapid prototyping, validated learning, rapid scientific experimentation, and others are introduced in the book, which drives their inspiration from lean manufacturing.

2.2.11 The Nordstrom Way to Customer Experience Excellence: Creating a Values-Driven Service Culture

Author: Robert Spector and BreAnne

Derivation from: page no.33

About book: Key insights from Nordstrom include empowering self-motivated employees to go the extra mile to make customers happy, to prioritize ease-of-use for your customers across every touchpoint they have with your brand, and to always think like the customer to build a customer-centric brand on every team.

2.2.12 The Amazement Revolution

Author: Shep Hyken

Derivation from: page no.23

About book: This book offers seven practical strategies to improve customer happiness and loyalty, including cultivating partnership with customers, providing unique membership awards, and building community with customers.

2.2.13 Demographic Dividend or Disaster: Indian Labor in the 21st Century

Author: Agrawal Chetan

Derivation from: page no.44

About book: The book is all about the process of India's liberalization in 1991. It consists of the problems and difficulties India had to go through for liberalization. It provides suggestions on keeping Indian economy balanced.

2.2.14 The Phoenix Project

Author: Gene Kim, Kevin Behr, and George Spafford

Derivation from: page no. 88 to 90

About book: It gives you a foundation of what DevOps practice can be and a possible structure for working through complex issues. It's also a humorous read for any IT or ITSM professional who will recognize many of the book's characters and the situations they find themselves in.

2.2.15 Crucial Accountability

Author: Kerry Patterson, Joseph Grenny, Ron McMillan, Al Swizler, and David Maxfield

Derivation from: page no.44 to 45

About book: This book provides a strategy for how to best deal with accountability issues without harming relationships. It's also a great reference for any of your team members who engage, or will be engaging, in business relationship management.

2.2.16 Creativity, Inc.

Author: Ed Catmull

Derivation from: page no. 5 to 6

About book: How can managers bring out the best in their teams? Written by the co-founder of Pixar Animation Studios, this book lifts the curtain on day-to-day operations at one of the world's most successful studios. He also candidly describes the common business challenges faced by the studio, and explains how effective leadership carried Pixar to new heights. If you lead a creative team, don't miss this one.

2.2.17 Blitzscaling – The Lightning-Fast Path to Building Massively Valuable Companies

Author: Reid Hoffman and Chris Yeh

Publisher: HarperCollins (2018)

Derivation from: page no.44

About book: The authors offer an insight into the success stories of some of the world's largest tech companies, such as AirBnB and WeChat, and a set of practices that enable entrepreneurs and business leaders to design models that accelerate growth.

2.2.18 Being Digital

Author: Nicholas Negroponte

Derivation from: page no. 89 to 200

About Book: The book studies about the business moving online and how this shifting impacted their revenue. It shows that online consumers are increasing

day by day and how the digital platforms are winning the game. The mistakes made by some projects in this digitalization.

3 METHODOLOGY

3.1 Proposed Methodology

3.1.1 Basic Functionality.

Service provision management system refers to the modelling of the functions and building blocks that constituted the Service Management and control. The basic functions that our project provide is defining of the horizontal layer that exposes the different views of the service for a particular consumer or a supplier. In this software the service provider will provide a service or will apply for a service to be provided and the consumer will be taking the benefit of the service and will work for the person who allocate the work. We are working upon identification of generic functional entities that constitute the core of the service logic. In this software distribution scenarios for the deployment of the building blocks on the physical network computational and switching resources. It is necessary to carry out production and service provision under controlled conditions and must include the availability of information on the characteristics of the product and work distribution. In this project we are not only including service seeking opportunity but also keeping record of all the things regarding the safety measures, which Includes the email, address, phone numbers, I'd details etc. After entering all the details, the service seeker and the service provider both will get log into the software then there is field to be selected by the service provider after the selection of the work needed then we will provide the list of workers who has good hands

over the particular work. We will also provide ratings for assuring the quality of the work been done. After the work is done and the transaction is completed even the person can rate the workers working experience. With this flow the software works.

3.1.2 User Enrollment/ Registration.

For user registration we use the forms in html. To get input their all-necessary data like First name, Last name, Phone number, E-mail, Location information we use input tag with the suitable input type e.g. To input first name, we use input type text but to input Phone number we use input type number with max length 10 digit only. Design of the form is done with html using relative layout and a div (division). To look marvellous and elevated design we use CSS colors and effects, e.g. hover buttons in the form. To store information in MySQL database we use an interface in java, Java Database Connectivity (JDBC). But information in the html form does not store directly in database so we first catch all the data in java servlet namely Con_enrollment and Pro_enrollment respectively. Then we establish the JDBC interface to store data in Consumer and Provider database. In the process of inserting data in respective database, we made them choose user type through radio buttons in html. If user can choose user type as a consumer, then here triggering in MySQL can happen and user register as the consumer in consumer database and same for provider. We follow the normalization process in DBMS. We do not take composite or multi-valued attribute as input e.g. We take the input only one contact number and one e-mail address of user to reduce and minimizing the redundancy from tables in database. We can analyze our data using report writing software to discover useful information for decision-making. We generate the report how many users can register daily or weekly

and taking the decision based upon the data and many other reports that are useful for data analysis.

3.1.3 Login.

To login with the Service Provision Management System user have to enter his Phone number and Password. User have to enter his Phone number in textbox have input type text and but user have to enter password in input type password in html to avoid shoulder surfing. Whenever user want to login user enter his phone number and password it sends to servlet as a response when user trigger the Login button on the screen and servlet check his presence in the registration database by using jdbc connectivity with the database, if they present in database and their password is correct, they successfully login with SPMS. For analyzing data, we collect his login information in login database like his phone number, login date and time and their user type, we can generate reports using report writing software to find out how many users login daily.

3.1.4 Service Appointment.

Service appointment screen is also design with html and css. At this stage show all the details about service provider along with the reviews on the screen. If the customer gets satisfied with the profile of provider and wants to hire him to do the job, he will request the provider using the send request button on the screen. When consumer can click on the send request button triggering can happen and through the servlet send the response to the provider by using MySQL server. In Provider side they can received the requests they can accept it or decline it. Whenever provider get good deals and accept the consumer requests by triggering of accept button on the screen MySQL server send the message to the consumer ‘Your Request IS Accepted. Provider Arriving As Soon As Possible Within 2 to 3 Hours.’. These all type of transaction whenever can happen it stores in the database by using jdbc

connectivity. In database stores all information about consumer and service provider like phone, name, email, which service, date and time, request accept or decline and assign a unique transaction id in two different databases by using rdbms concept. We can generate report by using report writing software like Day wise earning report, Day wise services report etc. for data analysis.

3.1.5 Bill Generation.

Bill generation is the transaction screen. At this screen rdbms concept is very necessary because at this stage we have to display all information about the deals happen within provider and consumer in two different databases. We show the all-general information of both consumer and provider and transaction information like wadges of provider, which service they provide, time and date of providing service and feedback of the cosumer. All these data store in billing database using jdbc connectivity with database to analyze the daily transaction on the SPMS by generating different reports.

3.1.6 Profile Updating.

In profile updating screen user can update his profile. This screen is also design with html and css. Whenever user wants to update his profile by clicking profile on the top right corner in screen. They go on another screen but data on this screen is not modifiable user can trigger the edit button on the screen and they change his data like address, name, wadges prescription but they do not change their phone number because it is a identity and primary key in database. After editing the data on screen, they click on the save button. Whenever user click on save button triggering can happen and update query is run in MySQL using jdbc connectivity and updated data stores in database.

3.1.7 One Time Password

User authentication is an important part of any software which mainly includes User-name and password. If there is password then there is then there is also a risk of forgetting it. If someone forgets password then it must be reset. To safeguard one's privacy it is must have parameter that an unauthorized should not get the access of account. OTP (One Time Password) can help a lot in resting the password without violating the privacy. OTP simply sends a numerical password on the registered mobile number, this password can be used only once to reset the password. We will be implementing an OTP web API to retrieve password on the login screen.

3.1.8 Global Positioning System

Our project Service Provision Management System is all about booking Service provider by a consumer in an efficient way. The geolocation of both the parties affects the work, if the consumer can get a provider which is nearby him then it would be time saving and also efficient for the provider. GPS is something that can do this work for us. GPS is a powerful and dependable tool for businesses and organizations in many different industries. Surveyors, scientists, pilots, boat captains, first responders, and workers in mining and agriculture, are just some of the people who use GPS on a daily basis for work. In our project by giving the physical location consumer and provider. So that we would be able to calculate the physical distance.

3.1.9 Triggering.

When creating a trigger, you have to define an action or set of actions that are been executed when a database event occurs on a specified table. A database event can be a delete, insert or update operation. For example, if you define a trigger for a update on a particular table, the trigger action is executed

whenever someone edits a cell data from the table. The CREATE TRIGGER statement in the Derby Reference Manual gets into detail of the complete CREATE TRIGGER syntax. This section provides information on defining the trigger action itself, which is only one feature of creating triggers. Triggers are programs which are stored previously, which are automatically executed or fired when some events occur. Triggers are in fact written to be executed in response to any of the following events:

- A database manipulation (DML) statement (DELETE, INSERT, or UPDATE)
- A database definition (DDL) statement (CREATE, ALTER, or DROP).
- A database operation (SERVERERROR, LOGON, LOGOFF, STARTUP, or SHUTDOWN).

3.1.10 Normalization.

Database Normalization is a technique of organizing, managing/arranging the data in the database. Normalization is a structured approach of decomposing tables to eliminate data repetition and unacceptable attribute like Insertion, Update and Deletion irregularities. It is a multi-step process that puts data into tabular form, remove duplicate data from the relation tables, etc.

Normalization is used for two purposes as follows:-

1. Eliminating useless data.
2. Ensuring data dependencies make sense that is data is logically stored. If a table is not correctly normalized and have data repetition then it will not only consume up extra memory space but will also make it difficult to handle and update the current database, without facing data loss. Insertion, Updating and Deletion inconsistency are very recurrent if database is not normalized. To understand these inconsistency let us take an example of a Student table. Normalization rules are divided into the following normal forms:

- First Normal Form
- Second Normal Form
- Third Normal Form
- Boyce and Codd Normal Form (BCNF)
- Fourth Normal Form

3.2 Existing Methodology

3.2.1 JDBC Connectivity.

JDBC which means Java Database Connectivity is an application programming interface for the programming language Java, which defines how a client may access a database. It is a Java-based data access technology used for Java database connectivity. It is part of the Java Standard Edition platform, from Oracle Corporation. JDBC is the Java API that manages connecting to a database, issuing queries and commands, and handling result sets obtained from the database. The reason we included jdbc connectivity in our project is that it is capable of reading any database on its own without the content to be converted. It provides support to query and stored procedure and modules. Using the jdbc connectivity we can do both synchronous and

asynchronous processing into our system. It enables developers to create queries and update data to a relational database using the structured query language, i.e. SQL. Java database connectivity is a free open-source application programming interface for Java that enables applications to access databases. Requires to provide a pure java solution for application development. JDBC also requires drivers for each data bases. Even Hibernate uses JDBC in the underlying layer. As the name suggests it is a database connectivity which connects to the memory allocation and program, which we are implemented in our project

3.2.2 MySQL Server.

The MySQL database software is a client or a server system that consists of multithreaded SQL server that supports different back end, several different client programs and libraries. This is available open source and is free relational database management system that uses structured query language. Basically, SQL is a language programmer use to create modify and extract data from the relational database. My SQL is offered under two different editions which are namely the open-source MySQL-community-server and the second one which is used is proprietary enterprise server, which supports triggers, cursors, updatable views, cross-platform support, online data definition language information schema, and many more features. With availability of this features, we have used my SQL in our software which provides robust ability.

3.2.3 RDBMS.

RDBMS Stands for Relational Database Management System. An RDBMS is a DBMS designed specifically for relational databases. Therefore, RDBMS is a subset of DBMS. A relational database mentions to a database which stores

data in a structured format, using rows and columns. This makes it easy to pin-point and access specific values within the database. It is relational because the values within each table are associated to each other. Tables may also be associated to other tables. The relational formation makes it practicable to run queries across multiple tables at one-time.

3.2.4 Designing of Front-end Using HTML and CSS.

While making this project we have kept HTML and CSS as the front end and Java core language at the backend. We have used HTML because it provides graphical user interface. HTML which is the Hypertext Markup Language and CSS which is called as Cascading Style Sheets are two of the core technologies for building Web pages. Where HTML is the language for describing the structure of Web pages which are been built for a particular project whereas CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. HTML and CSS made it easy for us to work upon the US number which we have used in our project, because the programming was done in Java and all the color-based programming was done using HTML language. Some of the benefits are that it is cost effective multiplied from development programming also supports offline browsing, it supports continuous execution over multiple browsers consistently. We have also added images using the image link which we can achieve using hypertext markup language, i.e. HTML. CSS saves time we can write CSS once and then reuse the same sheet in multiple HTML pages.

Data is represented in terms of rows in RDBMS. Relational database is most frequently used database. It contains numerous of tables and each table has its own primary key. Due to a collection of well-organized set of tables, data can be accessed easily in RDBMS.

3.2.5 Data analysis.

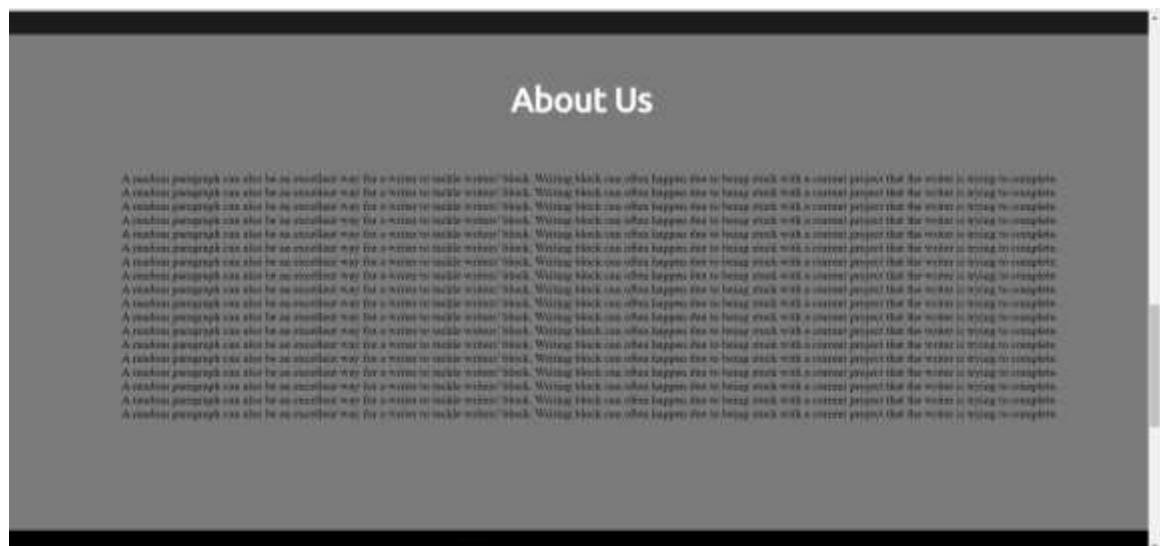
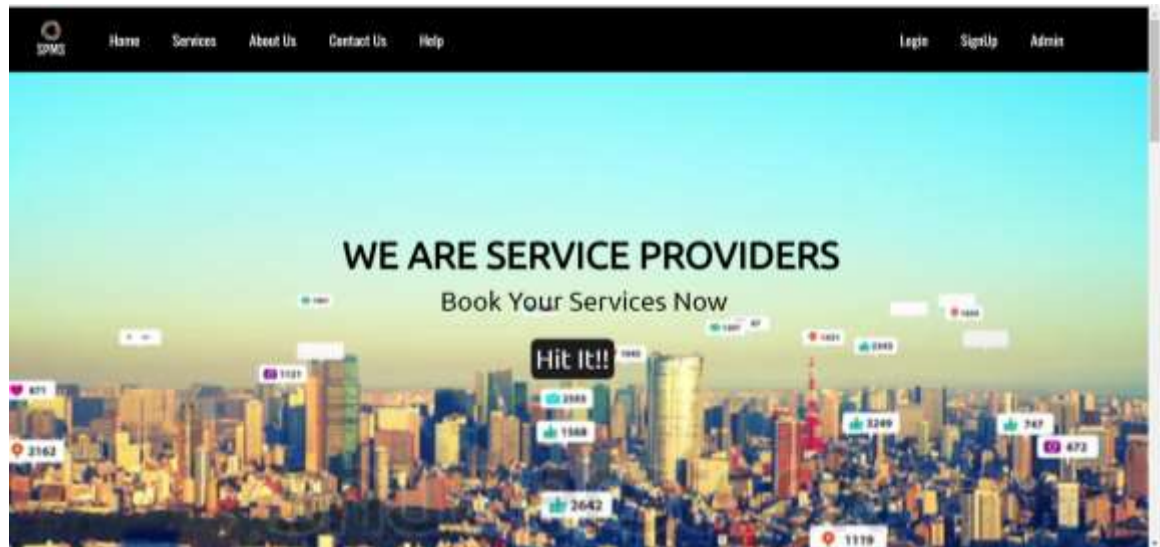
Data analysis is a process of cleaning, transforming and modeling data to discover useful information of business decision-making purposes. The job of Data Analysis is to extract useful information from data and taking the decision based upon the data analysis. An example of Data analysis is whenever we take any decision in our everyday life is by thinking about what happened last time or what will happen by choosing that particular decision. This is nothing but to analyze our past or future and making decisions based on it. For that, we should gather memories of our past or dreams of our future. That is called as data analysis. Now same thing analyst does for business purposes which is called Data Analysis.

3.2.6 Role of report writer.

Report writers are the information technologists who analyzes data and produce reports for a large variety of industries, including computers, finance, education and healthcare. Other duties might include the testing applications and making presentations to others in the company. Work experience is necessary to learn the work regarding databases, spreadsheets and data analysis tools. Despite of an associate's degree may be admissible to some employers, hope for report writers usually need to earn a bachelor's degree in computer science or a related field. Work experience is necessary to learn to work with databases, spreadsheets and data analysis tools.

4 SCREENS

4.1 Home Page.



LET'S CONNECT

When there are great ideas at stake, it@e!™ is always a good idea to share. Tell us how can we make it happen for you!

Fill the form below or mail us at ideas@e!online.com

NAME

E-MAIL

PHONE

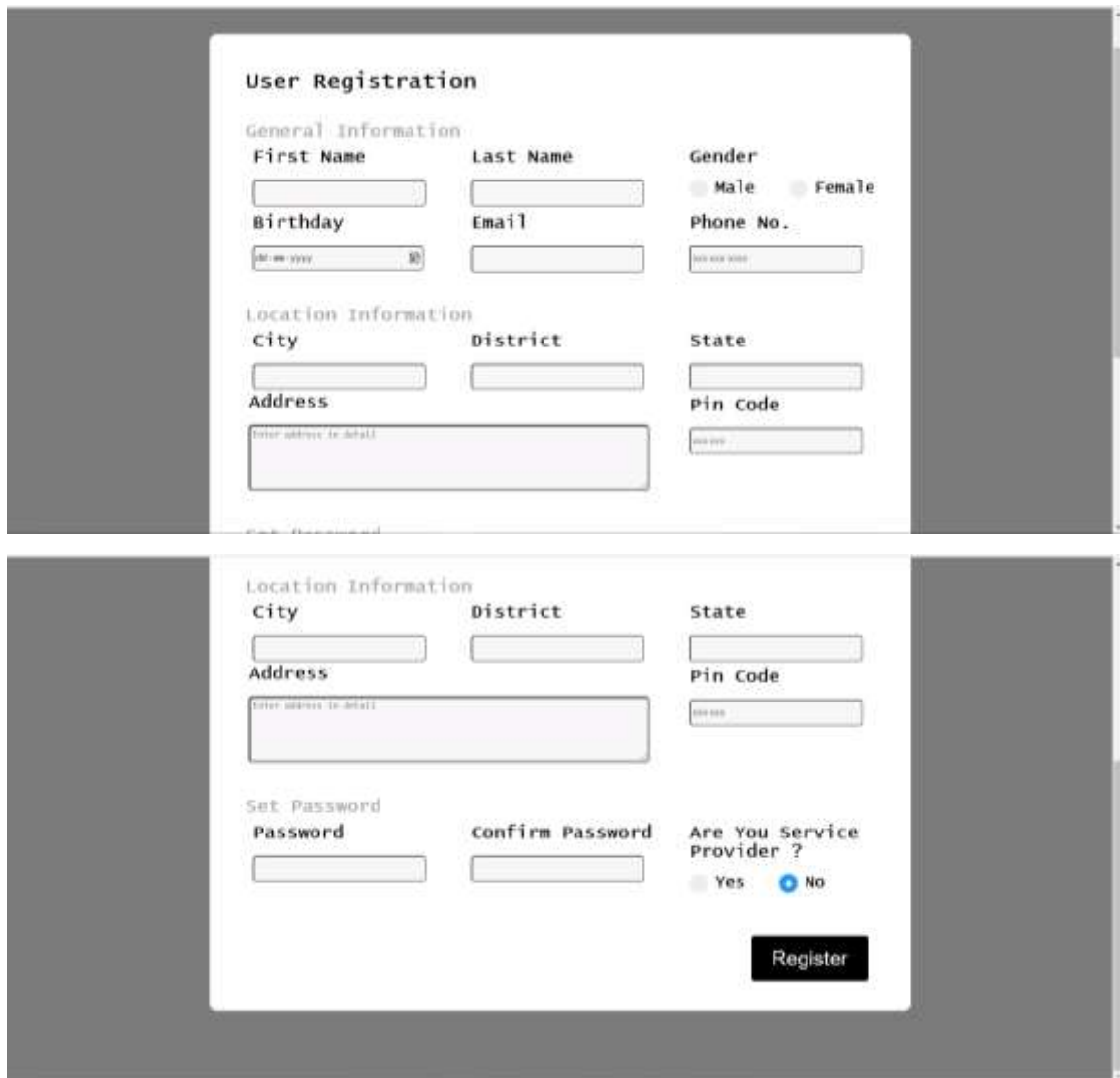
MESSAGE

Submit



4.2 Registration.

4.2.1 User registration.



The image displays a 'User Registration' form with two main sections: 'General Information' and 'Location Information'. The 'General Information' section includes fields for First Name, Last Name, Gender (Male/Female), Birthday, Email, and Phone No. The 'Location Information' section includes fields for City, District, State, Address, and Pin Code. Below the 'Location Information' section is a 'Set Password' section with fields for Password and Confirm Password, and a question 'Are You Service Provider?' with Yes/No radio buttons. A 'Register' button is located at the bottom right of the form.

User Registration

General Information

First Name Last Name Gender ☐ Male ☐ Female

Birthday Email Phone No.

Location Information

City District State

Address Pin Code

Set Password

Password Confirm Password Are You Service Provider ? ☐ Yes ☒ No

Register

4.2.2 Provider profile creation.

Enter login id as null

Services

Enter your login id

Select The Services You Provide.

Choose Your Service

what is your highest qualification?

Choose Your Qualification

Explain your work.

Enter about services in detail

Charges Declaration

visit only

Minimum work

Amount Per hour

Non-working hours or holidays

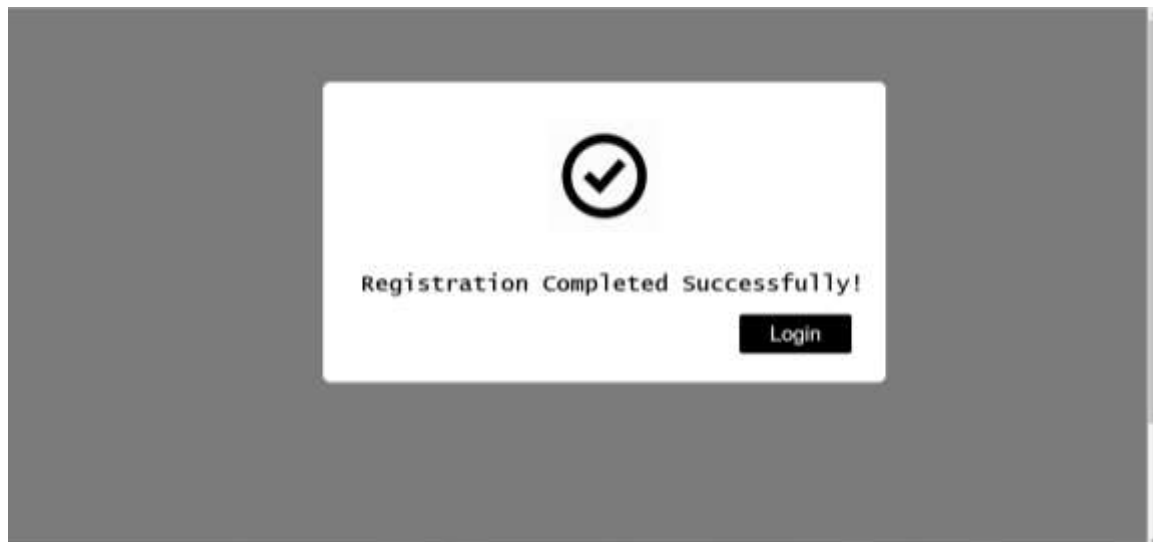
Distance greater than 5km

Extra labor needed

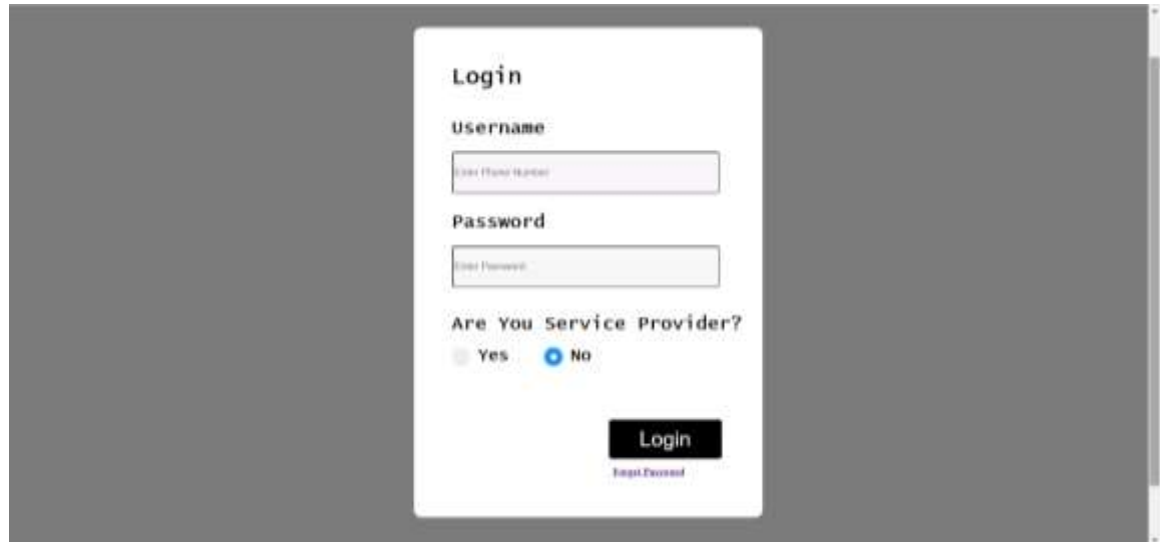
Any Message

☐ I hereby declare that I will not charge across beyond above mention ranges.

Register



4.3 Login.




The image shows a login form centered on a dark gray background. The form is white and contains the following elements:

- Login**: A title at the top of the form.
- Username**: A label above a text input field. The placeholder text inside the field is "Enter Phone Number".
- Password**: A label above a text input field. The placeholder text inside the field is "Enter Password".
- Are You Service Provider?**: A label above two radio button options: "Yes" and "No". The "No" option is selected, indicated by a blue dot.
- Login**: A black button with white text.
- Forgot Password**: A link in blue text located below the Login button.

4.4 Profile update

Profile



User Information

First Name

Last Name

Gender

Birthday

Email

Phone No.

Location Information

City

District


State

Pin Code

Address

Edit

Profile



User Information

First Name

Last Name

Gender

Birthday

Email

Phone No.

Location Information

City

District

State

Pin Code

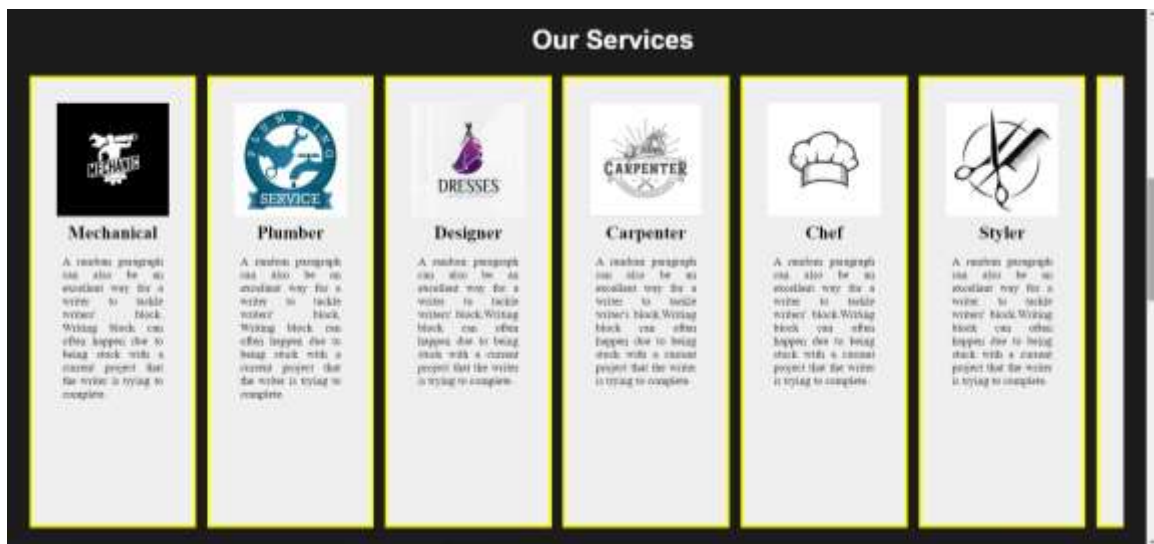
Address

Save



4.5 Service Listing

S



4.6 Provider Listing

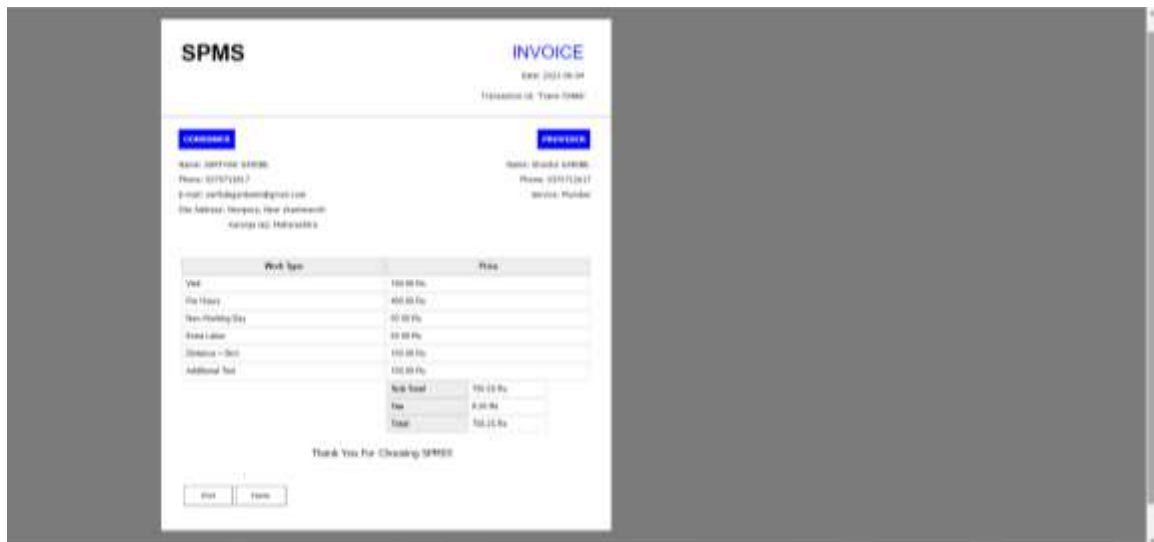


4.7 Provider profile view

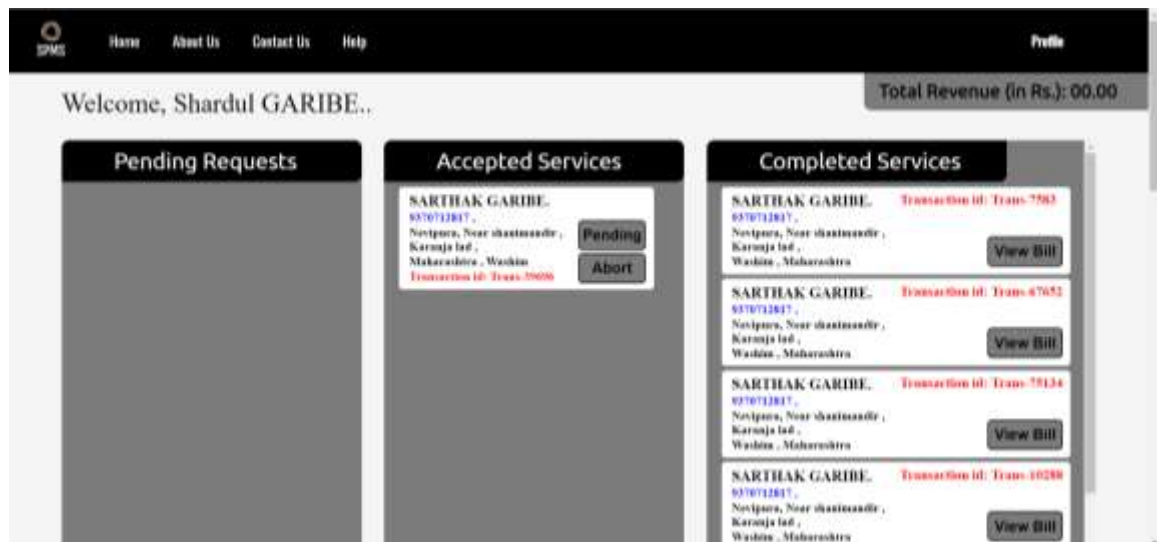


4.8 Request

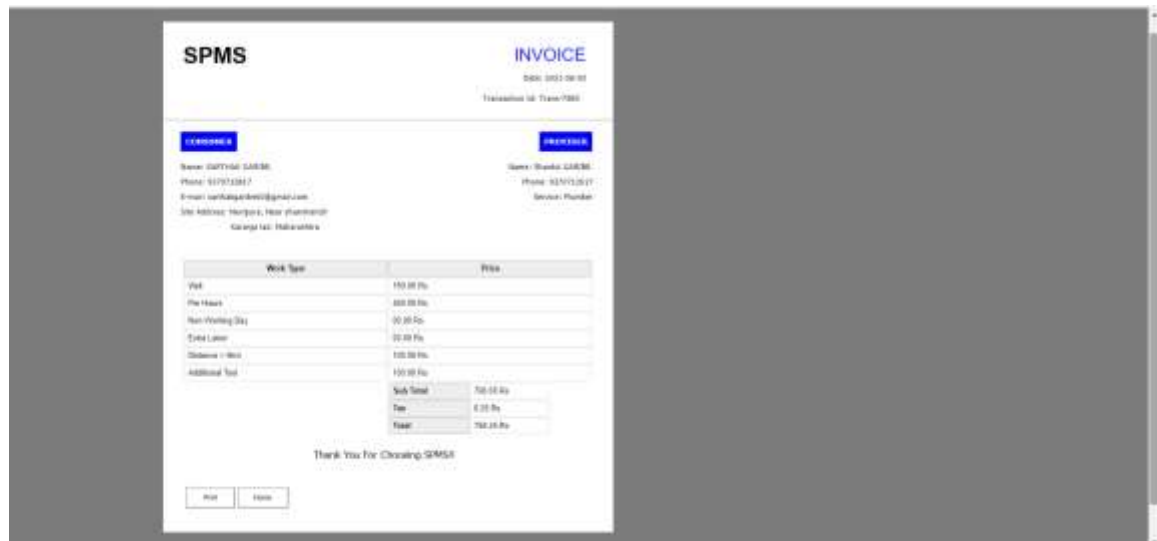
4.8.1 Consumer request sent



4.8.2 Provider request box



4.9 Billing



4.10 Admin

4.10.1 Report menu



4.10.2 Consumer report

SPMS Users											
First Name	Last Name	Dob	Gender	Email	Phone	City	District	State	Address	Pincode	Date & Time
satish	gupta	0103-2002	male	satishg@psnl.com	8170712117	Kanpur	Wardha	Madhya Pradesh	new shankarnagar	464105	2021-05-04 17:21:39
satish	gupta	0103-2002	male	satishg@psnl.com	8170712118	Kanpur	Wardha	Madhya Pradesh	new shankarnagar	464105	2021-05-04 17:21:40
satish	gupta	0103-2002	male	satishg@psnl.com	8170712119	Kanpur	Wardha	Madhya Pradesh	new shankarnagar	464105	2021-05-04 17:21:41
satish	Gupta	1611-05-02	Male	satishgupta90@gmail.com	8170713620	Kanpur Ind	Madhya Pradesh	Wardha	Narayan, New shankarnagar	464105	2021-05-04 17:21:36
satish	Gupta	1611-05-02	Male	satishgupta90@gmail.com	8170713622	Kanpur Ind	Madhya Pradesh	Wardha	Narayan, New shankarnagar	464105	2021-05-04 17:21:40
SARTHAK	GARIBI	1611-05-09	Male	satishgupta90@gmail.com	8170712817	Kanpur Ind	Madhya Pradesh	Wardha	Narayan, New shankarnagar	464105	2021-05-04 17:21:37


4.10.3 Transaction report

SPMS Consumers											
First Name	Last Name	Dob	Gender	Email	Phone	City	District	State	Address	Pincode	Date & Time
satish	gupta	0103-2002	male	satishg@psnl.com	8170712117	Kanpur	Wardha	Madhya Pradesh	new shankarnagar	464105	2021-05-04 17:21:39
satish	gupta	0103-2002	male	satishg@psnl.com	8170712118	Kanpur	Wardha	Madhya Pradesh	new shankarnagar	464105	2021-05-04 17:21:40
satish	gupta	0103-2002	male	satishg@psnl.com	8170712119	Kanpur	Wardha	Madhya Pradesh	new shankarnagar	464105	2021-05-04 17:21:41
satish	Gupta	1611-05-02	Male	satishgupta90@gmail.com	8170713620	Kanpur Ind	Madhya Pradesh	Wardha	Narayan, New shankarnagar	464105	2021-05-04 17:21:36
satish	Gupta	1611-05-02	Male	satishgupta90@gmail.com	8170713622	Kanpur Ind	Madhya Pradesh	Wardha	Narayan, New shankarnagar	464105	2021-05-04 17:21:40
SARTHAK	GARIBI	1611-05-09	Male	satishgupta90@gmail.com	8170712817	Kanpur Ind	Madhya Pradesh	Wardha	Narayan, New shankarnagar	464105	2021-05-04 17:21:37

4.10.4 Providers report

SPMS Providers													
First Name	Last Name	Dob	Gender	Email	Phone	City	District	State	Address	Pincode	Date & Time	Us Ty	
Gurpreet	GARIB	2021-03-02	Male	surfatgurpreet@gmail.com	9750712627	Karnal	Maharashtra	Madhya	New Delhi, New Delhi	444105	2021-03-17 20:23:11	Prov	
SARTHAK	GARIB	2021-03-02	Male	surfatgurpreet@gmail.com	9750712727	Karnal	Maharashtra	Madhya	New Delhi, New Delhi	444105	2021-03-17 20:23:11	Prov	
SARTHAK	GARIB	2021-03-02	Male	surfatgurpreet@gmail.com	9750712827	Karnal	Maharashtra	Madhya	New Delhi, New Delhi	444105	2021-03-17 20:23:11	Prov	
SARTHAK	GARIB	2021-03-02	Male	surfatgurpreet@gmail.com	9750712927	Karnal	Maharashtra	Madhya	New Delhi, New Delhi	444105	2021-03-17 20:23:11	Prov	
SARTHAK	GARIB	2021-03-02	Male	surfatgurpreet@gmail.com	9750713027	Karnal	Maharashtra	Madhya	New Delhi, New Delhi	444105	2021-03-17 20:23:11	Prov	
SARTHAK	GARIB	2021-03-02	Male	surfatgurpreet@gmail.com	9750713127	Karnal	Maharashtra	Madhya	New Delhi, New Delhi	444105	2021-03-17 20:23:11	Prov	

4.11 Errors



You Are Already Registered With Mobile null! Please Login.

[Forget Password](#)

Login



You Are Not Registered with null! Please Register.

[Register](#)



Wrong password.Login again or click
Forgot password to reset it.

[Forgot Password](#)

[Login](#)



Soory for our inconveince.
If Plumber is not arrived contact
with them,contact no:[null](#)

[Home](#)



5 Code.

5.1 Homepage.

Home.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta charset="ISO-8859-1">
    <title>SPMS</title>
```

```
<link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
<link rel="preconnect" href="https://fonts.gstatic.com">
<link
href="https://fonts.googleapis.com/css2?family=Oswald&display=swap&fa
mily=Ubuntu&display=swap" rel="stylesheet" rel="stylesheet">
</head>
<style>
    html, body {
        max-width: 100%;
        overflow-x: hidden;
    }
    *{
        margin: 0;
        padding: 0;
    }
    :root{
        --navbar-height: 59px
    }
    /* Navigation Bar*/
    #navbar{
        display: flex;
        align-items: center;
        position: relative;
    }
    #navbar::before{
```

```
content: "";
background-color: black;
/* background: linear-gradient(to right top, rgb(252,44,119) 0%,
rgb(108,64,121) 100%) no-repeat fixed center; */
position: absolute;
top: 0px;
left: 0px;
height: 100%;
width: 100%;
z-index: -1;
opacity: 1;
}
/* Navigation Bar: logo and image */
#logo{
    margin: 10px 23px;
}

#logo img{
    margin: 3px 5px;
    height: 56px;
}
/* Navigation Bar: list style */
#navbar ul{
    display: flex;
    font-family: 'Oswald', sans-serif;
}
#navbar ul li{
```

```
    /* color: white; */
    list-style: none;
    font-size: 1.2rem;
}
#navbar ul li a{
    color: white;
    display: block;
    padding: 3px 22px;
    border-radius: 20px;
    text-decoration: none;
}
#navbar ul li a:hover{
    color: black;
    background-color: white;
}
.right{
    position: absolute;
    float: right;
    right: 6%;
}
.menu-btn{
    background-color: transparent;
    color: white;
    padding: 10px;
    font-size: 20px;
    font-weight: bolder;
    font-family: 'Oswald', sans-serif;
```



```
border: none;
cursor: pointer;
}
.menu-content {
display: none;
position: absolute;
min-width: 160px;
z-index: 1;
}
.links-hidden{
display: inline-block;
color: white;
padding: 12px 16px;
text-decoration: none;
font-size: 18px;
font-weight: bold;
}
.links-hidden{
display: block;
}
.links-hidden:hover {
background-color: white;
color: black;
border-color: black;
border-style:groove;
}
```

```
.dropdown-menu: hover .menu-content {  
    display: block;  
    background-color: black;  
}  
  
.dropdown-menu: hover .menu-btn {  
    background-color: white;  
    color: black;  
  
}
```

```
/* The Modal (background) */  
.modal {  
    display: none; /* Hidden by default */  
    position: fixed; /* Stay in place */  
    z-index: 1; /* Sit on top */  
    left: 0;  
    top: 0;  
    width: 100%; /* Full width */  
    height: 100%; /* Full height */  
    overflow: auto; /* Enable scroll if needed */  
    background-color: rgb(0,0,0); /* Fallback color */  
    background-color: rgba(0,0,0,0.4); /* Black w/ opacity */  
    -webkit-animation-name: fadeIn; /* Fade in the background */  
    -webkit-animation-duration: 0.4s;  
    animation-name: fadeIn;  
    animation-duration: 0.4s
```

```
}  
  
/* Modal Content */  
.modal-content {  
    position: fixed;  
    top:100px;  
    left:350px;  
    background-color: #fefefe;  
    height:80%;  
    width: 900px;  
    -webkit-animation-name: slideIn;  
    -webkit-animation-duration: 0.4s;  
    animation-name: slideIn;  
    animation-duration: 0.4s  
}  
  
/* The Close Button */  
.close {  
    color: #000;  
    margin-top: none;  
    margin-left: 860px;  
    font-size: 50px;  
    font-weight: bold;  
}  
  
.close:hover,  
.close:focus {  
    color: rgb(250, 7, 7);  
    text-decoration: none;  
    cursor: pointer;
```

```
}  
.modal-body {padding: 2px 16px;}  
/* Add Animation */  
@-webkit-keyframes slideIn {  
  from {bottom: -300px; opacity: 0}  
  to {bottom: 0; opacity: 1}  
}
```

```
@keyframes slideIn {  
  from {bottom: -300px; opacity: 0}  
  to {bottom: 0; opacity: 1}  
}
```

```
@-webkit-keyframes fadeIn {  
  from {opacity: 0}  
  to {opacity: 1}  
}
```

```
@keyframes fadeIn {  
  from {opacity: 0}  
  to {opacity: 1}  
}
```

```
/*Home*/  
#home{  
  min-height:70px;
```

```
    width:1519px;
    z-index: 0;
}
.labelh1{
    position:absolute;
    top:300px;
    left:445px;
    color:black;
    font-weight: bold;
    font-size:50px;
    font-family: 'Ubuntu', sans-serif;
}
.labelh2{
    position:absolute;
    top:370px;
    left:575px;
    color:black;
    font-size:35px;
    font-family: 'Ubuntu', sans-serif;
}
.buttonh{
    position:absolute;
    top:440px;
    left:695px;
    color:whitesmoke;
    padding: 5px;
    border-radius: 10px;
```

```
background-color: #1c1c1c;
font-size:35px;
font-family: 'Ubuntu', sans-serif;
transition-delay: 4ms;
}
.buttonh:hover{
padding:8px;
cursor:pointer;
z-index: 1;
}
```

```
#label{
position:absolute;
top:22px;
left:700px;
color:white;
font-size:35px;
font-weight: bold;
font-family: "Arial", Sans-serif;
}
```

```
#divh{
height:600px;
width:1459px;
position:relative;
padding-top:90px;
padding-bottom: 60px;
padding-left: 30px;
```

```
padding-right: 30px;
background-color: #1c1c1c;
filter: brightness(100%);
filter:contrast(5%);
filter:grayscale(5%);
}
/* Services Section */
#services-container{
    height: 637px;
}
#services{
    /* margin: 30px; */
    display: flex;
    overflow-x: auto;
    height: 100%;
}
#services .box{
    border: 4px solid yellow;
    margin-right: 15px;
    /* flex: 0 1 calc(33% - 1em); */
    padding: 32px;
    background-color: #efefef;

}
#services .box img{
    height: 150px;
    margin: auto;
```

```
        display: block;
    }
    #services .box p{
        font-family: 'Bree Serif', serif;
    }
```

```
.h-primary{
    font-size: 15px;
    padding: 8px;
    text-align: justify;
    font-family: 'Bree Serif', serif;
}
```

```
.h-secondary{
    font-size: 1.5rem;
    padding: 8px;
    font-family: 'Bree Serif', serif;
}
```

```
.center{
    text-align: center;
}
```

```
#services::-webkit-scrollbar{
    display: none;
}
```



```
/*About us*/  
#about{  
    height:600px;  
    width:1459px;  
    position:relative;  
    padding:30px;  
    background-color: #7b7b7b;  
    border-width: 50px;  
}  
.labela{  
    position:relative;  
    top:30px;  
    left:640px;  
    color:#FFFFFF;  
    font-weight: bold;  
    font-size:45px;  
    font-family: 'Ubuntu', sans-serif;  
}
```

```
/*Contact us*/  
#divc{  
    background-color:black;  
    height:700px;  
}  
.divc1{
```

```
background-color:black;
height:490px;
width:650px;
position:relative;
left:60px;
top:60px;
}
.divc2{
background-color:black;
height:490px;
width:650px;
position:relative;
left:800px;
bottom:434px;
}
.labelc{
color:white;
font-size:35px;
font-family: "Arial", Sans-serif;
}
.pc{
position:relative;
top:22px;
color:white;
font-size:17.5px;
font-family: "Arial", Sans-serif;
}
```

```
.pc1 {  
  position: relative;  
  top: 32px;  
  color: white;  
  font-size: 17.5px;  
  font-family: "Arial", Sans-serif;  
}
```

```
.labelc1 {  
  position: relative;  
  top: 40px;  
  height: 90px;  
}
```

```
.input {  
  color: white;  
  font-size: 20px;  
  width: 95%;  
  padding: 20px;  
  background: transparent;  
  border: none;  
  outline: none;  
  resize: none;  
}
```

```
.line-box {  
  position: relative;  
  width: 100%;  
  height: 1px;
```

```
background: #BCBCBC;  
}
```

```
.line {  
  position: absolute;  
  width: 0%;  
  height: 2px;  
  top: 0px;  
  left: 50%;  
  transform: translateX(-50%);  
  background: white;  
  transition: ease .6s;  
}
```

```
.input:focus + .line-box .line {  
  width: 100%;  
}
```

```
.slideshow{  
position:relative;  
}
```

```
.mySlides {display:none;}
```

```
.button {  
  position: relative;  
  background-color: black;  
  /* border-size: 6px; */  
  /* border-size: 6px; */
```

```
border-color: white;
font-size: 20px;
color: #FFFFFF;
padding: 2px;
width: 100px;
border-radius: 8px;
text-align: center;
transition-duration: 0.4s;
text-decoration: none;
overflow: hidden;
cursor: pointer;
}
```

```
.button:after {
  content: "";
  background: #f1f1f1;
  display: block;
  position: absolute;
  padding-top: 300%;
  padding-left: 350%;
  border-radius: 10px;
  margin-left: -20px !important;
  margin-top: -120%;
  opacity: 0;
  transition: all 0.8s
}
```

```
.button:active:after {  
  padding: 0;  
  margin: 0;  
  opacity: 1;  
  transition: 0s  
}
```

```
</style>
```

```
<body>
```

```
  <nav id="navbar">
```

```
    <div id="logo">
```

```
      
```

```
    </div>
```

```
    <ul>
```

```
      <li class="item"><a href="#home">Home</a></li>
```

```
      <li class="item"><a href="#label">Services</a></li>
```

```
      <li class="item"><a href="#about">About Us</a></li>
```

```
      <li class="item"><a href="#divc">Contact Us</a></li>
```

```
      <li class="item" id="myBtn"><a href="#help">Help</a></li>
```

```
    </ul>
```

```
    <!-- The Modal -->
```

```
    <div id="myModal" class="modal">
```

```
      <div class="modal-content">
```

```
        <span class="close">&times;</span>
```

```
        <div class="modal-body">
```

```

    <p>Some text in the Modal Body</p>
    <p>Some other text...</p>
  </div>
</div>
<div class="right">
  <ul>
    <li class="item"><a
href="http://localhost:8080/Login_form/index1.html">Login</a></li>
    <li class="item"><a
href="http://localhost:8080/Sample2/index1.html">SignUp</a></li>
    <li class="item"><a
href="http://localhost:8080/Login_form/Admin_login.jsp">Admin</a></li>
  </ul>
</div>
</nav>
<video autoplay muted loop id="home">
  <source src="http://localhost:8080/Login_form/video3.mp4"
type="video/mp4">
</video>
  <label class="labelh1">WE ARE SERVICE PROVIDERS</label>
  <label class="labelh2">Book Your Services Now</label>
  <a href="http://localhost:8080/Login_form/index1.html"><button
class="buttonh">Hit It!!</button></a>
<div id="divh">
  <label id="label">Our Services</label>
  <div id="services">

```

```
<div class="box">
  
```

```
<h2 class="h-secondary center">Mechanical</h2>
```

```
<p class="h-primary">A random paragraph can also be an excellent
way for a writer to tackle writers' block. Writing block can often happen due
to being stuck with a current project that the writer is trying to complete.</p>
```

```
</div>
```

```
<div class="box">
```

```
<a href="http://localhost:8080/Login_form/index1.html">
```

```

```

```
</a>
```

```
<h2 class="h-secondary center">Plumber</h2>
```

```
<p class="h-primary">A random paragraph can also be an excellent
way for a writer to tackle writers' block. Writing block can often happen due
to being stuck with a current project that the writer is trying to complete.</p>
```

```
</div>
```

```
<div                                class="box">
```

```
<h2 class="h-secondary center">Designer</h2>
```


<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block.Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Carpenter</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writer's block.Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Chef</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block.Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Styler</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Sweeper</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Bike Repair</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Technician</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Photographer</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Painter</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">More Services</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block.</p>

</div>

</div>

</div>

</div>

<section id="about">

<label class="labela">About Us</label>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block.

Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block.

Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</section>

<section class="contact-container">

<div id="divc">

<div class="divc1">

<label class="labelc">LET'S CONNECT</label>

<p class="pc">When there are great ideas at stake, it's always a good idea to share. Tell us how can we make it happen for you!!</p>

<p class="pc1">Fill the form below or mail us at business@example.in</p>

<label class="labelc1">

<input type="text" class="input" name="email" placeholder="NAME"/>

<div class="line-box">

<div class="line"></div>

</div>

</label>

<label class="labelc1">

<input type="text" class="input" name="email" placeholder="E-MAIL"/>

<div class="line-box">

<div class="line"></div>

</div>

</label>

<label class="labelc1">

<input type="text" class="input" name="email" placeholder="PHONE"/>

```

        <div class="line-box">
            <div class="line"></div>
        </div>
    </label>
    <label class="labelc1">
        <textarea          type="text"          class="input"          name="email"
placeholder="MESSAGE"></textarea>
        <div class="line-box">
            <div class="line"></div>
        </div>
    </label>
    <br><br><br><br><button class="button">Submit</button>
</div>
    <div class="divc2">
        <div class="slideshow">
            <img  class="mySlides"  style="width:640px; height:312px;background:
#99FFCC ">
            <img  class="mySlides"  style="width:640px; height:312px;background:
#2596be ">
            <img  class="mySlides"  style="width:640px; height:312px;background:
#fabe00">
        </div>
    </div>
</div>
</div>
</div>
</section>
<script>
var myIndex = 0;

```



```
carousel();
```

```
function carousel() {  
    var i;  
    var x = document.getElementsByClassName("mySlides");  
    for (i = 0; i < x.length; i++) {  
        x[i].style.display = "none";  
    }  
    myIndex++;  
    if (myIndex > x.length) {myIndex = 1}  
    x[myIndex-1].style.display = "block";  
    setTimeout(carousel, 2000); // Change image every 2 seconds  
}  
  
// Get the modal  
var modal = document.getElementById("myModal");  
  
// Get the button that opens the modal  
var btn = document.getElementById("myBtn");  
  
// Get the <span> element that closes the modal  
var span = document.getElementsByClassName("close")[0];  
  
// When the user clicks the button, open the modal  
btn.onclick = function() {  
    modal.style.display = "block";  
}
```

```
// When the user clicks on <span> (x), close the modal
span.onclick = function() {
    modal.style.display = "none";
}

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
    if (event.target == modal) {
        modal.style.display = "none";
    }
}
</script>
</body>
</html>
```

Con_homepage.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
    <% @ page import="java.util.ArrayList"%>
    <% @ page import="java.io.*"%>
    <% @ page import="java.sql.*"%>
    <% @ page import="java.sql.Connection"%>
    <% @ page import="java.sql.DriverManager"%>
    <% @ page import="java.sql.PreparedStatement"%>
    <% @ page import="java.sql.ResultSet"%>
    <% @ page import="java.sql.Statement"%>
    <!DOCTYPE html>
```

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta charset="ISO-8859-1">
  <title>SPMS</title>
  <link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link
href="https://fonts.googleapis.com/css2?family=Oswald&display=swap&fa
mily=Ubuntu&display=swap" rel="stylesheet" rel="stylesheet">
</head>
<style>

  html, body {
    max-width: 100%;
    overflow-x: hidden;
  }
  *{
    margin: 0;
    padding: 0;
  }
  :root{
    --navbar-height: 59px
```

```
}

/* Navigation Bar*/
#navbar{
    display: flex;
    align-items: center;
    position: relative;
}

#navbar::before{
    content: "";
    background-color: black;
    /* background: linear-gradient(to right top, rgb(252,44,119) 0%,
rgb(108,64,121) 100%) no-repeat fixed center; */
    position: absolute;
    top: 0px;
    left: 0px;
    height: 100%;
    width: 100%;
    z-index: -1;
    opacity: 1;
}

/* Navigation Bar: logo and image */
#logo{
    margin: 10px 23px;
}

#logo img{
    margin: 3px 5px;
```

```
    height: 56px;
}
/* Navigation Bar: list style */
#navbar ul{
    display: flex;
    font-family: 'Oswald', sans-serif;
}
#navbar ul li{
    /* color: white; */
    list-style: none;
    font-size: 1.2rem;
}
#navbar ul li a{
    color: white;
    display: block;
    padding: 3px 22px;
    border-radius: 20px;
    text-decoration: none;
}
#navbar ul li a:hover{
    color: black;
    background-color: white;
}
.right{
    position: absolute;
    float: right;
    right: 6%;
```

```
}  
.noti-btn{  
    position: absolute;  
    top: 25px;  
    left: 1270px;  
    background-color: transparent;  
    background-color: white;  
    height: 35px;  
    width: 35px;  
    border-radius: 50%;  
    border-style: solid;  
    border-color: black;  
    cursor: pointer;  
}  
.noti-btn:hover{  
    border-color: whitesmoke;  
    background-color: red;  
    box-shadow: 3px 2px 22px 1px rgb(252, 252, 252);  
}  
.menu-btn{  
    background-color: transparent;  
    color: white;  
    padding: 10px;  
    font-size: 20px;  
    font-weight: bolder;  
    font-family: 'Oswald', sans-serif;
```

```
border: none;
cursor: pointer;
}
.menu-content {
display: none;
position: absolute;
min-width: 160px;
z-index: 1;
}
.links-hidden{
display: inline-block;
color: white;
padding: 12px 16px;
text-decoration: none;
font-size: 18px;
font-weight: bold;
}
.links-hidden{
display: block;

}
.links-hidden:hover {
background-color: white;
color: black;
border-color: black;
border-style:groove;
}
```

```
.dropdown-menu: hover .menu-content {  
    display: block;  
    background-color: black;  
}  
  
.dropdown-menu: hover .menu-btn {  
    background-color: white;  
    color: black;  
  
}
```

```
/* The Modal (background) */  
.modal {  
    display: none; /* Hidden by default */  
    position: fixed; /* Stay in place */  
    z-index: 1; /* Sit on top */  
    left: 0;  
    top: 0;  
    width: 100%; /* Full width */  
    height: 100%; /* Full height */  
    overflow: auto; /* Enable scroll if needed */  
    background-color: rgb(0,0,0); /* Fallback color */  
    background-color: rgba(0,0,0,0.4); /* Black w/ opacity */  
    -webkit-animation-name: fadeIn; /* Fade in the background */  
    -webkit-animation-duration: 0.4s;  
    animation-name: fadeIn;  
    animation-duration: 0.4s
```



```
}  
  
/* Modal Content */  
.modal-content {  
    position: fixed;  
    top:100px;  
    left:350px;  
    background-color: #fefefe;  
    height:80%;  
    width: 900px;  
    -webkit-animation-name: slideIn;  
    -webkit-animation-duration: 0.4s;  
    animation-name: slideIn;  
    animation-duration: 0.4s  
}  
  
/* The Close Button */  
.close {  
    color: #000;  
    margin-top: none;  
    margin-left: 860px;  
    font-size: 50px;  
    font-weight: bold;  
}  
  
.close:hover,  
.close:focus {  
    color: rgb(250, 7, 7);  
    text-decoration: none;  
    cursor: pointer;
```

```
}  
.modal-body {padding: 2px 16px;}  
  
/* The Modal (background) */  
.modal2 {  
    display: none; /* Hidden by default */  
    position: fixed; /* Stay in place */  
    z-index: 1; /* Sit on top */  
    left: 0;  
    top: 0;  
    width: 100%; /* Full width */  
    height: 100%; /* Full height */  
    overflow: auto; /* Enable scroll if needed */  
    background-color: rgb(0,0,0); /* Fallback color */  
    background-color: rgba(0,0,0,0.4); /* Black w/ opacity */  
    -webkit-animation-name: fadeIn; /* Fade in the background */  
    -webkit-animation-duration: 0.4s;  
    animation-name: fadeIn;  
    animation-duration: 0.4s;  
}  
/* Modal Content */  
.modal-content2 {  
    position: fixed;  
    top: 30px;  
    left: 860px;  
    background-color: #fefefe;  
    height: 80%;
```

```
width: 400px;
-webkit-animation-name: slideIn;
-webkit-animation-duration: 0.4s;
animation-name: slideIn;
animation-duration: 0.4s;
border-radius: 10px;
border: #000;
padding-bottom: 4px;
overflow-y: scroll;
overflow-x: hidden;
}
/* The Close Button */
.close2 {
  position: relative;
  left: 125px;
  color: #7b7b7b;
  font-size: 50px;
  font-weight: bold;
}
.close2:hover,
.close2:focus {
  color: rgb(250, 7, 7);
  text-decoration: none;
  cursor: pointer;
}
.divm_1 {
  position: relative;
```

```
left:none;
height:60px;
width:396px;
background-color:black;
border-radius: 10px;
border-color: white;
border-style:inset;
}
.divm_2{
background-color:#7b7b7b;
position:relative;
border-radius: 10px;
height:90px;
width:376px;
margin-left:2px;
margin-top: 4px;
padding-top:4px;
}
.divm_3{
position:relative;
left:220px;
bottom:90px;
height:84px;
width:140px;
margin-left:2px;
margin-top: 4px;
}
```

```
.btnm_1{
    background: black;
    font-size: 16px;
    width:140px;
    height:40px;
    font-weight: bold;
    color:whitesmoke;
    margin-bottom: 4px;
    cursor: pointer;
    border-color: #000;
    border-radius: 6px;
    padding:2px;
}

.btnm_1:hover{
    background: whitesmoke;
    border-color: #09ee17;
    border-width: 4px;
    color:black;
}

.btnm_2{
    background: black;
    font-size: 16px;
    width:140px;
    height:40px;
    font-weight: bold;
    color:whitesmoke;
    margin-bottom: 4px;
```

```
    cursor: pointer;
    border-color: #000;
    border-radius: 6px;
    padding: 2px;
}
.btm_2:hover{
    background: whitesmoke;
    border-color: red;
    border-width: 4px;
    color: black;
}
.label1{
    position: relative;
    bottom: 8px;
    left: 20px;
    color: whitesmoke;
    font-weight: lighter;
    font-size: 25px;
    font-family: 'Ubuntu', sans-serif;
}
/* Add Animation */
@-webkit-keyframes slideIn {
    from {bottom: -300px; opacity: 0}
    to {bottom: 0; opacity: 1}
}

@keyframes slideIn {
```

```
    from {bottom: -300px; opacity: 0}
    to {bottom: 0; opacity: 1}
}
```

```
@-webkit-keyframes fadeIn {
    from {opacity: 0}
    to {opacity: 1}
}
```

```
@keyframes fadeIn {
    from {opacity: 0}
    to {opacity: 1}
}
```

```
/*Home*/
```

```
#home{
    min-height:70px;
    width:1519px;
    z-index: 0;
}
```

```
.labelh1{
    position:absolute;
    top:300px;
    left:445px;
    color:black;
    font-weight: bold;
```

```
font-size:50px;
font-family: 'Ubuntu', sans-serif;
}
.labelh2{
position:absolute;
top:370px;
left:575px;
color:black;
font-size:35px;
font-family: 'Ubuntu', sans-serif;
}
.buttonh{
position:absolute;
top:440px;
left:695px;
color:whitesmoke;
padding: 5px;
border-radius: 10px;
background-color: #1c1c1c;
font-size:35px;
font-family: 'Ubuntu', sans-serif;
transition-delay: 4ms;
}
.buttonh:hover{
padding:8px;
cursor:pointer;
z-index: 1;
```



```
}
```

```
#label{  
    position:absolute;  
    top:22px;  
    left:660px;  
    color:white;  
    font-size:35px;  
    font-weight: bold;  
    font-family: "Arial", Sans-serif;  
}
```

```
#divh{  
    height:600px;  
    width:1459px;  
    position:relative;  
    padding-top:90px;  
    padding-bottom: 60px;  
    padding-left: 30px;  
    padding-right: 30px;  
    background-color: #1c1c1c;  
    filter: brightness(100%);  
    filter:contrast(5%);  
    filter:grayscale(5%);  
}
```

```
/* Services Section */
```

```
#services-container{  
    height: 637px;
```

```
}  
#services{  
    /* margin: 30px; */  
    display: flex;  
    overflow-x: auto;  
    height: 100%;  
}  
#services .box{  
    border: 4px solid yellow;  
    margin-right: 15px;  
    /* flex: 0 1 calc(33% - 1em); */  
    padding: 32px;  
    background-color: #efefef;  
  
}  
#services .box img{  
    height: 150px;  
    margin: auto;  
    display: block;  
}  
#services .box p{  
    font-family: 'Bree Serif', serif;  
}  
  
.h-primary{  
    font-size: 15px;  
    padding: 8px;
```

```
text-align:justify;
font-family: 'Bree Serif', serif;
}
```

```
.h-secondary{
font-size: 1.5rem;
padding: 8px;
font-family: 'Bree Serif', serif;
}
```

```
.center{
text-align: center;
}
```

```
#services::-webkit-scrollbar{
display: none;
}
```

```
/*About us*/
#about{
height:600px;
width:1459px;
position:relative;
padding:30px;
background-color: #7b7b7b;
border-width: 50px;
}
```

```
.labela{
    position:relative;
    top:30px;
    left:660px;
    color:#FFFFFF;
    font-weight: bold;
    font-size:45px;
    font-family: 'Ubuntu', sans-serif;
}

/*Contact us*/
#divc{
    background-color:black;
    height:700px;
}

.divc1{
    background-color:black;
    height:490px;
    width:650px;
    position:relative;
    left:60px;
    top:60px;
}

.divc2{
    background-color:black;
    height:490px;
    width:650px;
    position:relative;
```

```
left:800px;
bottom:434px;
}
.labelc{
color:white;
font-size:35px;
font-family: "Arial", Sans-serif;
}
.pc{
position:relative;
top:22px;
color:white;
font-size:17.5px;
font-family: "Arial", Sans-serif;
}
.pc1{
position:relative;
top:32px;
color:white;
font-size:17.5px;
font-family: "Arial", Sans-serif;
}
.labelc1{
position:relative;
top:40px;
height:90px;
}
```

```
.input {  
color:white;  
font-size:20px;  
width: 95%;  
padding: 20px;  
background: transparent;  
border: none;  
outline: none;  
resize: none;  
}
```

```
.line-box {  
position: relative;  
width: 100%;  
height: 1px;  
background: #BCBCBC;  
}
```

```
.line {  
position: absolute;  
width: 0%;  
height: 2px;  
top: 0px;  
left: 50%;  
transform: translateX(-50%);  
background: white;  
transition: ease .6s;
```

```
}
```

```
.input:focus + .line-box .line {  
    width: 100%;  
}
```

```
.slideshow{  
position:relative;  
}
```

```
.mySlides {display:none;}
```

```
.button {  
    position: relative;  
    background-color: black;  
    /* border-size: 6px; */  
    /* border-size: 6px; */  
    border-color: white;  
    font-size: 20px;  
    color: #FFFFFF;  
    padding: 2px;  
    width: 100px;  
    border-radius:8px;  
    text-align: center;  
    transition-duration: 0.4s;  
    text-decoration: none;  
    overflow: hidden;  
    cursor: pointer;  
}
```

```
.button:after {  
    content: "";  
    background: #f1f1f1;  
    display: block;  
    position: absolute;  
    padding-top: 300%;  
    padding-left: 350%;  
    border-radius:10px;  
    margin-left: -20px !important;  
    margin-top: -120%;  
    opacity: 0;  
    transition: all 0.8s  
}
```

```
.button:active:after {  
    padding: 0;  
    margin: 0;  
    opacity: 1;  
    transition: 0s  
}
```

```
</style>
```

```
<body>
```

```
    <%String phone=request.getParameter("phone");  
String user_type=request.getParameter("user_type");  
%>
```

```
    <nav id="navbar">
```



```
<div id="logo">
    
```

```
</div>
```

```
<ul>
```

```
    <li class="item"><a href="#home">Home</a></li>
```

```
    <li class="item"><a href="#label">Services</a></li>
```

```
    <li class="item"><a href="#about">About Us</a></li>
```

```
    <li class="item"><a href="#divc">Contact Us</a></li>
```

```
    <li class="item" id="myBtn"><a href="#help">Help</a></li>
```

```
</ul>
```

```
<!-- The Modal -->
```

```
<div id="myModal" class="modal">
```

```
    <div class="modal-content">
```

```
        <span class="close">&times;</span>
```

```
        <div class="modal-body">
```

```
            <p>Some text in the Modal Body</p>
```

```
            <p>Some other text...</p>
```

```
        </div>
```

```
    </div>
```

```
</div>
```

```
<%!
```

```
String Service_id;
```

```
String P_Name;
```

```
String P_Lname;
```

```

String P_phone;

%>
<%

Connection conn;
PreparedStatement stat;
Statement stmt;
ResultSet rs;

String PhoneNo, UserType, Services;
ArrayList<String> f = new ArrayList<String>();
ArrayList<String> l = new ArrayList<String>();
ArrayList<String> p = new ArrayList<String>();
ArrayList<String> s = new ArrayList<String>();
ArrayList<String> tr_id = new ArrayList<String>();

%>
<%

try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

    stmt = conn.createStatement();

    String display = "SELECT * FROM Req_accepted where C_phone = " +
phone + " ";

    rs = stmt.executeQuery(display);

    while (rs.next()) {

```

```

String C_phone = rs.getString("C_phone");
P_Name= rs.getString("P_fname");
f.add(P_Name);
P_Lname= rs.getString("P_lname");
l.add(P_Lname);
P_phone = rs.getString("P_phone");
p.add(P_phone);
String services = rs.getString("services");
s.add(services);
Service_id = rs.getString("Service_id");
tr_id.add(Service_id);
}
} catch (Exception e) {
    out.print(e);
}

%>
<a href="#help"></a>
<div id="myModal2" class="modal2">
    <div class="modal-content2">
        <div class="modal-body2">
            <div class="divm_1">
                <label class="labeln1">Request Status</label>
                <span class="close2">&times;</span>
            </div>
            <% for(int i=0;i<p.size();i++) {%>

```

```

<div class="divm_2">
    <table style="width:210px; margin-left:8px;">
        <tr>
            <td style="font-weight: bold; font-size: 20px;"><%
out.println(f.get(i));%> <% out.println(l.get(i));%></td>
        </tr>
        <tr>
            <td style="font-weight: bold; font-size: 16px;"><%
out.println(p.get(i));%></td>
        </tr>
        <tr>
            <td style="font-weight: bold;">Service: <%
out.println(s.get(i));%></td>
        </tr>
        <tr>
            <td style="color: white; font-weight: bold;">Transaction id: <%
out.println(tr_id.get(i));%></td>
        </tr>
    </table>
    <div class="divm_3">
        <a
href="http://localhost:8080/Login_form/servlet/Service_completed?Service_
id=<%=tr_id.get(i)%>">
            <button class="btnm_1">Completed</button>
        </a>
        <a href="http://localhost:8080/Login_form/Soory.jsp?phone=<%=phone
%>&user_type=<%=user_type %>&P_phone=<%=p.get(i)%>">

```

```

        <button class="btnm_2">Not Completed</button>
    </a>

    </div>
</div>
<% }%>
</div>
</div>
</div>

<div class="right">
    <div class="dropdown-menu">
        <button class="menu-btn">Menu>> </button>
        <div class="menu-content">

            <a                                class="links-hidden"
href="http://localhost:8080/Login_form/servlet/Profile?phone=<%=  phone
%>&user_type=<%= user_type %>">Profile</a>

            <a                                class="links-hidden"
href="http://localhost:8080/Login_form/MyServices.jsp?phone=<%=  phone
%>&user_type=<%= user_type %>">My Service</a>

        </div>
    </div>
</div>
</nav>

<video autoplay muted loop id="home">
    <source                src="http://localhost:8080/Login_form/video3.mp4"
type="video/mp4">

```

```

</video>
    <label class="labelh1">WE ARE SERVICE PROVIDERS</label>
    <label class="labelh2">Book Your Services Now</label>
    <button class="buttonh">Hit It!!</button>
<div id="divh">
    <label id="label">Our Services</label>
    <div id="services">
        <div class="box">
            
                <h2 class="h-secondary center">Mechanical</h2>
                <p class="h-primary">A random paragraph can also be an excellent
way for a writer to tackle writers' block. Writing block can often happen due
to being stuck with a current project that the writer is trying to complete.</p>
            </div>
            <div class="box">
                <a
href="http://localhost:8080/Login_form/Plumbing_Services.jsp?phone=<%=
phone %>&user_type=<%=user_type %>&services='Plumber'">
                    
                </a>
                <h2 class="h-secondary center">Plumber</h2>

```

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Designer</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Carpenter</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writer's block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Chef</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block.Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Styler</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block.Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">Sweeper</h2>

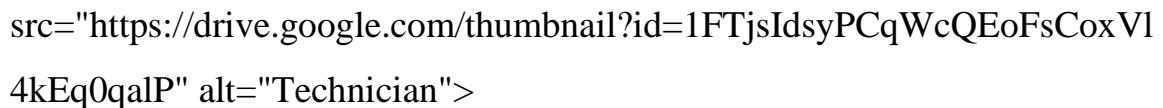
<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers'block.Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

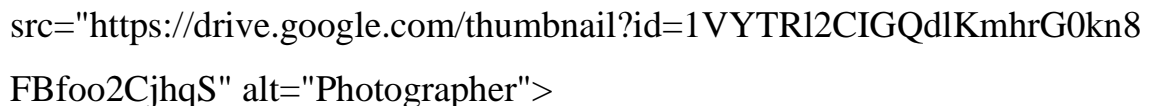
<h2 class="h-secondary center">Bike Repair</h2>

A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.

A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.

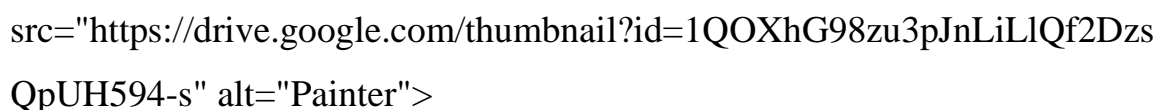
Technician

A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.

A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.

Photographer

A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.

A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.

Painter

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</div>

<div class="box">

<h2 class="h-secondary center">More Services</h2>

<p class="h-primary">A random paragraph can also be an excellent way for a writer to tackle writers' block.</p>

</div>

</div>

</div>

</div>

<section id="about">

<label class="labela">About Us</label>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block.

Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block.

Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</section>

<section class="contact-container">

<div id="divc">

<div class="divc1">

<label class="labelc">LET'S CONNECT</label>

<p class="pc">When there are great ideas at stake, it's always a good idea to share. Tell us how can we make it happen for you!!</p>

<p class="pc1">Fill the form below or mail us at business@example.in</p>

<label class="labelc1">

<input type="text" class="input" name="email" placeholder="NAME"/>

<div class="line-box">

<div class="line"></div>

</div>

</label>

<label class="labelc1">

```

        <input type="text" class="input" name="email" placeholder="E-
MAIL"/>
        <div class="line-box">
            <div class="line"></div>
        </div>
    </label>
    <label class="labelc1">
        <input type="text" class="input" name="email" placeholder="PHONE"/>
        <div class="line-box">
            <div class="line"></div>
        </div>
    </label>
    <label class="labelc1">
        <textarea type="text" class="input" name="email"
placeholder="MESSAGE"></textarea>
        <div class="line-box">
            <div class="line"></div>
        </div>
    </label>
    <br><br><br><br><button class="button">Submit</button>
</div>
    <div class="divc2">
    <div class="slideshow">
        <img class="mySlides" style="width:640px; height:312px;background:
#99FFCC ">
        <img class="mySlides" style="width:640px; height:312px;background:
#2596be ">

```

```
<img class="mySlides" style="width:640px; height:312px;background:
#fabe00">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<script>
```

```
var myIndex = 0;
```

```
carousel();
```

```
function carousel() {
```

```
  var i;
```

```
  var x = document.getElementsByClassName("mySlides");
```

```
  for (i = 0; i < x.length; i++) {
```

```
    x[i].style.display = "none";
```

```
  }
```

```
  myIndex++;
```

```
  if (myIndex > x.length) {myIndex = 1}
```

```
  x[myIndex-1].style.display = "block";
```

```
  setTimeout(carousel, 2000); // Change image every 2 seconds
```

```
}
```

```
// Get the modal
```

```
var modal = document.getElementById("myModal");
```

```
var modal2 = document.getElementById("myModal2");
```

```
// Get the button that opens the modal
```

```
var btn = document.getElementById("myBtn");
```

```
var btn2 = document.getElementById("myBtn2");

// Get the <span> element that closes the modal
var span = document.getElementsByClassName("close")[0];
var span2 = document.getElementsByClassName("close2")[0];

// When the user clicks the button, open the modal
btn.onclick = function() {
    modal.style.display = "block";
}
btn2.onclick = function() {
    modal2.style.display = "block";
}

// When the user clicks on <span> (x), close the modal
span.onclick = function() {
    modal.style.display = "none";
}
span2.onclick = function() {
    modal2.style.display = "none";
}

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
    if (event.target == modal2) {
        modal2.style.display = "none";
    }
}
```



```
}  
</script>  
</body>  
</html>
```

Pro_homepage.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"  
    pageEncoding="ISO-8859-1"%>  
<% @ page import="java.util.ArrayList"%>  
<% @ page import="java.io.*"%>  
<% @ page import="java.sql.*"%>  
<% @ page import="java.sql.Connection"%>  
<% @ page import="java.sql.DriverManager"%>  
<% @ page import="java.sql.PreparedStatement"%>  
<% @ page import="java.sql.ResultSet"%>  
<% @ page import="java.sql.Statement"%>  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <meta charset="ISO-8859-1">  
    <title>SPMS</title>  
    <link                                rel="shortcut                                icon"  
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS  
8OU5mmTrh8Rr">  
    <link rel="preconnect" href="https://fonts.gstatic.com">
```

```
<link
href="https://fonts.googleapis.com/css2?family=Oswald&display=swap&fa
mily=Ubuntu&display=swap" rel="stylesheet" rel="stylesheet">
</head>
<style>
html, body {
    max-width: 100%;
    overflow-x: hidden;
}
*{
    margin: 0;
    padding: 0;
}
:root{
    --navbar-height: 59px
}
/* Navigation Bar*/
#navbar{
    display: flex;
    align-items: center;
    position: relative;
}
#navbar::before{
    content: "";
    background-color: black;
    /* background: linear-gradient(to right top, rgb(252,44,119) 0%,
rgb(108,64,121) 100%) no-repeat fixed center; */
```

```
    position: absolute;
    top: 0px;
    left: 0px;
    height: 100%;
    width: 100%;
    z-index: -1;
    opacity: 1;
}

/* Navigation Bar: logo and image */
#logo{
    margin: 10px 23px;
}

#logo img{
    margin: 3px 5px;
    height: 56px;
}

/* Navigation Bar: list style */
#navbar ul{
    display: flex;
    font-family: 'Oswald', sans-serif;
}

#navbar ul li{
    /* color: white; */
    list-style: none;
    font-size: 1.2rem;
}
```

```
#navbar ul li a{
    color: white;
    display: block;
    padding: 3px 22px;
    border-radius: 20px;
    text-decoration: none;
}
#navbar ul li a:hover{
    color: black;
    background-color: white;
}
.right{
    position: absolute;
    float: right;
    right: 6%;
}
.menu-btn{
    background-color: transparent;
    color: white;
    padding: 10px;
    font-size: 20px;
    font-weight: bolder;
    font-family: 'Oswald', sans-serif;
    border: none;
    cursor: pointer;
}
.menu-content {
```

```
display: none;
position: absolute;
min-width: 160px;
z-index: 1;
}
.links-hidden{
display: inline-block;
color: white;
padding: 12px 16px;
text-decoration: none;
font-size: 18px;
font-weight: bold;
}
.links-hidden{
display: block;

}
.links-hidden:hover {
background-color: white;
color: black;
border-color: black;
border-style:groove;
}
.dropdown-menu:hover .menu-content {
display: block;
background-color:black;
}
```

```
.dropdown-menu:hover .menu-btn {
    background-color: white;
    color: black;
}

/* The Modal (background) */
.modal {
    display: none; /* Hidden by default */
    position: fixed; /* Stay in place */
    z-index: 2; /* Sit on top */
    left: 0;
    top: 0;
    width: 100%; /* Full width */
    height: 100%; /* Full height */
    overflow: auto; /* Enable scroll if needed */
    background-color: rgb(0,0,0); /* Fallback color */
    background-color: rgba(0,0,0,0.4); /* Black w/ opacity */
    -webkit-animation-name: fadeIn; /* Fade in the background */
    -webkit-animation-duration: 0.4s;
    animation-name: fadeIn;
    animation-duration: 0.4s
}

/* Modal Content */
.modal-content {
    position: fixed;
    top: 100px;
    left: 350px;
```

```
background-color: #fefefe;
height:80%;
width: 900px;
-webkit-animation-name: slideIn;
-webkit-animation-duration: 0.4s;
animation-name: slideIn;
animation-duration: 0.4s
}
/* The Close Button */
.close {
color: #000;
margin-top: none;
margin-left: 860px;
font-size: 50px;
font-weight: bold;
}
.close:hover,
.close:focus {
color: rgb(250, 7, 7);
text-decoration: none;
cursor: pointer;
}
.modal-body {padding: 2px 16px;}
/* Add Animation */
@-webkit-keyframes slideIn {
from {bottom: -300px; opacity: 0}
to {bottom: 0; opacity: 1}
```

```
}
```

```
@keyframes slideIn {  
  from {bottom: -300px; opacity: 0}  
  to {bottom: 0; opacity: 1}  
}
```

```
@-webkit-keyframes fadeIn {  
  from {opacity: 0}  
  to {opacity: 1}  
}
```

```
@keyframes fadeIn {  
  from {opacity: 0}  
  to {opacity: 1}  
}
```

```
/*Home*/
```

```
#home{  
  min-height:70px;  
  width:1519px;  
  z-index: 0;  
}
```

```
#divh{  
  height:600px;  
  width:1459px;
```



```
position:relative;
padding-top:90px;
padding-bottom: 60px;
padding-left: 30px;
padding-right: 30px;
background-color: whitesmoke;
}
.divh1{
height:55px;
width:400px;
position:relative;
background-color: #000;
border-bottom-right-radius: 10px;
z-index: 1;
}
.divh2{
min-height:600px;
max-height:600px;
width:400px;
position:absolute;
left:70px;
top:90px;
background-color: #7b7b7b;
border-radius: 10px;
z-index: 0;
padding-bottom: 20px;
overflow-y: auto;
```

```
        overflow-x: hidden;
    }
    .divh3{
        height: 55px;
        width: 400px;
        position: relative;
        background-color: #000;
        border-bottom-right-radius: 10px;
        z-index: 1;
    }
    .divh4{
        min-height: 620px;
        max-height: 620px;
        width: 400px;
        position: absolute;
        left: 500px;
        top: 90px;
        background-color: #7b7b7b;
        border-radius: 10px;
        z-index: 0;
        overflow-y: auto;
        overflow-x: hidden;
    }
    .divh5{
        height: 50px;
        width: 380px;
        position: relative;
```

```
    left:1110px;
    bottom: 90px;
    background-color: #7b7b7b;
    border-bottom-left-radius: 10px;
    z-index: 1;
}
```

```
.divh6{
    min-height:115px;
    max-height:90px;
    width:340px;
    position:relative;
    left:20px;
    margin-top: 10px;
    background-color: white;
    border-radius: 5px;
    padding-top:6px;
}
```

```
.divh7{
    position:relative;
    left:235px;
    bottom:90px;
    height:80px;
    width:90px;
    padding:4px;
}
```

```
.divh7_2{
    position:relative;
```

```
    left:235px;
    bottom:90px;
    height:80px;
    width:90px;
    padding:4px;
}
.divh7_1{
    position:relative;
    left:235px;
    bottom:90px;
    height:85px;
    width:90px;
    padding:4px;
    border-style: dashed;
}
.divh8{
    min-height:130px;
    max-height:110px;
    width:340px;
    position:relative;
    left:20px;
    background-color: white;
    border-radius: 5px;
    padding-top:6px;
    margin-top: 6px;
}
.divh9{
```

```
min-height:620px;
max-height:620px;
width:520px;
position:absolute;
left:930px;
top:90px;
background-color: #7b7b7b;
border-radius: 10px;
z-index: 0;
overflow-y: scroll;
overflow-x:hidden;
}
.divh10{
min-height:90px;
max-height:110px;
width:465px;
position:relative;
left:20px;
background-color: white;
border-radius: 5px;
padding-top:6px;
margin-top: 6px;
}
.divh10_1{
position:relative;
left:355px;
bottom:65px;
```

```
    height:40px;
    width:100px;
}
.service_id{
    position:relative;
    left:238px;
    bottom:103px;
    font-weight: bold;
    font-size: 18px;
    color:red
}
.btnh{
    background: #7b7b7b;
    font-size: 20px;
    width:90px;
    height:40px;
    font-weight: bold;
    margin-bottom: 4px;
    cursor: pointer;
    border-color: #000;
    border-radius: 6px;
}
.btnh:hover{
    background: black;
    border-color: red;
    border-width: 4px;
    color:white;
```

```
}  
.btnhl {  
    background: #7b7b7b;  
    font-size: 20px;  
    width: 90px;  
    height: 40px;  
    font-weight: bold;  
    margin-bottom: 4px;  
    cursor: pointer;  
    border-color: #000;  
    border-radius: 6px;  
}  
.btnhl: hover {  
    background: black;  
    border-color: green;  
    border-width: 4px;  
    color: white;  
}  
.btnh_1 {  
    background: #7b7b7b;  
    font-size: 20px;  
    width: 90px;  
    height: 40px;  
    font-weight: bold;  
    margin-bottom: 4px;  
    cursor: pointer;  
    border-color: #000;
```

```
        border-radius: 6px;
    }
    .btnh_1:hover{
        background: black;
        border-color: #09ee17;
        border-width: 4px;
        color:white;

    }
    .btnh_2{
        background: #7b7b7b;
        font-size: 20px;
        width:100px;
        height:40px;
        font-weight: bold;
        margin-bottom: 4px;
        cursor: pointer;
        border-color: #000;
        border-radius: 6px;
        padding:4px;
    }
    .btnh_2:hover{
        background: black;
        border-color: whitesmoke;
        border-width: 4px;
        color:white;
```



```
}  
.labelh{  
    position:relative;  
    top:10px;  
    left:70px;  
    color:#FFFFFF;  
    font-size:30px;  
    font-family: 'Ubuntu', sans-serif;  
}  
.labelh1{  
    position:relative;  
    top:10px;  
    left:20px;  
    color: black;  
    font-weight: bold;  
    font-size:25px;  
    font-family: 'Ubuntu', sans-serif;  
}
```

/*About us*/

```
#about{  
    height:600px;  
    width:1459px;  
    position:relative;  
    padding:30px;  
    background-color: #7b7b7b;
```

```
border-width: 50px;
}
.labela{
  position:relative;
  top:30px;
  left:660px;
  color:#FFFFFF;
  font-weight: bold;
  font-size:45px;
  font-family: 'Ubuntu', sans-serif;
}
```

```
/*Contact us*/
#divc{
  background-color:black;
  height:700px;
}
.divc1{
  background-color:black;
  height:490px;
  width:650px;
  position:relative;
  left:60px;
  top:60px;
}
```

```
.divc2{
background-color:black;
height:490px;
width:650px;
position:relative;
left:800px;
bottom:434px;
}
.labelc{
color:white;
font-size:35px;
font-family: "Arial", Sans-serif;
}
.pc{
position:relative;
top:22px;
color:white;
font-size:17.5px;
font-family: "Arial", Sans-serif;
}
.pc1{
position:relative;
top:32px;
color:white;
font-size:17.5px;
font-family: "Arial", Sans-serif;
}
```

```
.labelc1{  
position:relative;  
top:40px;  
height:90px;  
}  
.input {  
color:white;  
font-size:20px;  
width: 95%;  
padding: 20px;  
background: transparent;  
border: none;  
outline: none;  
resize: none;  
}
```

```
.line-box {  
position: relative;  
width: 100%;  
height: 1px;  
background: #BCBCBC;  
}
```

```
.line {  
position: absolute;  
width: 0%;  
height: 2px;
```

```
top: 0px;
left: 50%;
transform: translateX(-50%);
background: white;
transition: ease .6s;
}
```

```
.input:focus + .line-box .line {
  width: 100%;
}
.slideshow{
position:relative;
}
.mySlides {display:none;}
```

```
.button {
  position: relative;
  background-color: black;
  /* border-size: 6px; */
  /* border-size: 6px; */
  border-color: white;
  font-size: 20px;
  color: #FFFFFF;
  padding: 2px;
  width: 100px;
  border-radius:8px;
  text-align: center;
```

```
transition-duration: 0.4s;
text-decoration: none;
overflow: hidden;
cursor: pointer;
}
```

```
.button:after {
  content: "";
  background: #f1f1f1;
  display: block;
  position: absolute;
  padding-top: 300%;
  padding-left: 350%;
  border-radius: 10px;
  margin-left: -20px !important;
  margin-top: -120%;
  opacity: 0;
  transition: all 0.8s
}
```

```
.button:active:after {
  padding: 0;
  margin: 0;
  opacity: 1;
  transition: 0s
}
```

```
</style>
```

```
<body>
<%!
String P_Name;
String P_Lname;
%>
<%String phone=request.getParameter("phone");
String user_type=request.getParameter("user_type");
%>
<%
Connection conn;
PreparedStatement stat;
Statement stmt;
ResultSet rs;
String PhoneNo, UserType, Services;
ArrayList<String> f = new ArrayList<String>();
ArrayList<String> l = new ArrayList<String>();
ArrayList<String> p = new ArrayList<String>();
ArrayList<String> c = new ArrayList<String>();
ArrayList<String> d = new ArrayList<String>();
ArrayList<String> s = new ArrayList<String>();
ArrayList<String> ad = new ArrayList<String>();
ArrayList<String> tr_id = new ArrayList<String>();
%>
<%
try {
    Class.forName("com.mysql.cj.jdbc.Driver");
```

```

conn
=
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

stmt = conn.createStatement();

String display = "SELECT * FROM Requests where P_phone = " + phone
+ " ";

rs = stmt.executeQuery(display);

while (rs.next()) {
    String C_fname = rs.getString("C_fname");
    f.add(C_fname);
    String C_lname = rs.getString("C_lname");
    l.add(C_lname);
    String C_phone = rs.getString("C_phone");
    p.add(C_phone);
    String P_phone = rs.getString("P_phone");
    String C_city = rs.getString("C_city");
    c.add(C_city);
    String C_district = rs.getString("C_district");
    d.add(C_district);
    String C_state = rs.getString("C_state");
    s.add(C_state);
    String C_address = rs.getString("C_address");
    ad.add(C_address);
    String Service_id = rs.getString("Service_id");
    tr_id.add(Service_id);
}
} catch (Exception e) {

```



```

        out.print(e);
    }

    try {
        Class.forName("com.mysql.cj.jdbc.Driver");

        conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

        stmt = conn.createStatement();

        String display = "SELECT * FROM Pro_registration where phone =
" + phone + " ";

        rs = stmt.executeQuery(display);
        while (rs.next()) {
            P_Name = rs.getString("fname");
            P_Lname = rs.getString("lname");
        }
    } catch (Exception e) {
        out.print(e);
    }%>

```

```

<nav id="navbar">
    <div id="logo">
        
    </div>
    <ul>
        <li class="item"><a href="#divh">Home</a></li>
        <li class="item"><a href="#about">About Us</a></li>

```

```

        <li class="item"><a href="#divc">Contact Us</a></li>
        <li class="item" id="myBtn"><a href="#help">Help</a></li>
    </ul>

    <!-- The Modal -->
    <div id="myModal" class="modal">
        <div class="modal-content">
            <span class="close">&times;</span>
            <div class="modal-body">
                <p>Some text in the Modal Body</p>
                <p>Some other text...</p>
            </div>
        </div>
    </div>

    <div class="right">
        <ul>
            <li class="item">
                <a
                    class="links-hidden"
                    href="http://localhost:8080/Login_form/servlet/Profile?phone=<%= phone
%>&user_type=<%= user_type %>">Profile</a>
            </li>
        </ul>
    </div>
</nav>

<div id="divh">
    <label style=" position:absolute; left:70px; top:20px; color:black; font-
weight: lighter; font-size: 35px;">Welcome, <%=P_Name %> <%=P_Lname
%>. </label>

```

```

<div class="divh5"><label class="labelh1">Total Revenue (in Rs.): 00.00
</label></div>

<div class="divh2">
    <div class="divh1"><label class="labelh">Pending
Requests</label></div>
    <% for(int i=0;i<p.size();i++) { %>
    <div class="divh6">
        <table style="width:210px; margin-left:8px;">
            <tr>
                <td style="font-weight: bold; font-size: 20px;"><%
out.println(f.get(i));%> <% out.println(l.get(i));%></td>
            </tr>
            <tr>
                <td style="color: blue; font-weight: bold; font-size:
16px;"><% out.println(p.get(i));%></td>
            </tr>
            <tr>
                <td style="font-weight: bold;"><% out.println(ad.get(i));%>,
<% out.println(c.get(i));%>,</td>
            </tr>
            <tr>
                <td style="font-weight: bold;"><% out.println(d.get(i));%>,
<% out.println(s.get(i));%></td>
            </tr>
        </table>
    <div class="divh7_2">

```

```

<a
href="http://localhost:8080/Login_form/servlet/Req_accepted?Service_id=<
%=tr_id.get(i)%>">
    <button class="btnh_1">Accept</button>
</a>
<a
href="http://localhost:8080/Login_form/servlet/Req_decline?Service_id=<
%=tr_id.get(i)%>">
    <button class="btnh">Decline</button>
</a>
</div>
</div>
<% }%>
</div>

<div class="divh4">
<div style="height:56px; width:auto;">
<div class="divh3"><label class="labelh">Accepted Services
</label></div>
</div>
<%
ArrayList<String> f2 = new ArrayList<String>();
ArrayList<String> l2 = new ArrayList<String>();
ArrayList<String> p2 = new ArrayList<String>();
ArrayList<String> c2 = new ArrayList<String>();
ArrayList<String> d2 = new ArrayList<String>();
ArrayList<String> s2 = new ArrayList<String>();

```

```

ArrayList<String> ad2 = new ArrayList<String>();
ArrayList<String> tr_id2 = new ArrayList<String>();
try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
    stmt = conn.createStatement();
    String display = "SELECT * FROM Req_accepted where P_phone = " +
phone + " ";
    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String C_fname = rs.getString("C_fname");
        f2.add(C_fname);
        String C_lname = rs.getString("C_lname");
        l2.add(C_lname);
        String C_phone = rs.getString("C_phone");
        p2.add(C_phone);
        String P_phone = rs.getString("P_phone");
        String C_city = rs.getString("C_city");
        c2.add(C_city);
        String C_district = rs.getString("C_district");
        d2.add(C_district);
        String C_state = rs.getString("C_state");
        s2.add(C_state);
        String C_address = rs.getString("C_address");
        ad2.add(C_address);
    }
}

```

```

        String Service_id = rs.getString("Service_id");
        tr_id2.add(Service_id);
    }
} catch (Exception e) {
    out.print(e);
}

%>

<% for(int i=0;i<p2.size();i++) { %>
<div class=divh8>
    <table style="width:210px; margin-left:12px;">
        <tr>
            <td style="font-weight: bold; font-size: 20px;"><%
out.println(f2.get(i));%> <% out.println(l2.get(i));%></td>
        </tr>
        <tr>
            <td style="color: blue; font-weight: bold; font-size:
16px;"><% out.println(p2.get(i));%></td>
        </tr>
        <tr>
            <td style="font-weight: bold;"><% out.println(ad2.get(i));%>,
<% out.println(c2.get(i));%></td>
        </tr>
        <tr>
            <td style="font-weight: bold;"><% out.println(d2.get(i));%>,
<% out.println(s2.get(i));%></td>
        </tr>

```

```

        <tr>
            <td style="font-weight: bold; color:red; font-size:16px;">Transaction id: <% out.println(tr_id2.get(i));%></td>
        </tr>
    </table>
    <div class="divh7">
        <a
href="http://localhost:8080/Login_form/servlet/Req_pending?Service_id=<%=tr_id2.get(i)%>">
            <button class="btnh_1">Pending</button>
        </a>
        <a
href="http://localhost:8080/Login_form/servlet/Req_abort?Service_id=<%=tr_id2.get(i)%>">
            <button class="btnh">Abort</button>
        </a>
    </div>
</div>
<% } %>
</div>
<%
ArrayList<String> f3 = new ArrayList<String>();
ArrayList<String> l3 = new ArrayList<String>();
ArrayList<String> p3 = new ArrayList<String>();
ArrayList<String> c3 = new ArrayList<String>();
ArrayList<String> d3 = new ArrayList<String>();
ArrayList<String> s3 = new ArrayList<String>();

```

```

ArrayList<String> ad3 = new ArrayList<String>();
ArrayList<String> tr_id3 = new ArrayList<String>();
try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
    stmt = conn.createStatement();
    String display = "SELECT * FROM Req_completed where P_phone = " +
phone + " ";
    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String C_fname = rs.getString("C_fname");
        f3.add(C_fname);
        String C_lname = rs.getString("C_lname");
        l3.add(C_lname);
        String C_phone = rs.getString("C_phone");
        p3.add(C_phone);
        String P_phone = rs.getString("P_phone");
        String C_city = rs.getString("C_city");
        c3.add(C_city);
        String C_district = rs.getString("C_district");
        d3.add(C_district);
        String C_state = rs.getString("C_state");
        s3.add(C_state);
        String C_address = rs.getString("C_address");
        ad3.add(C_address);
    }
}

```



```

        String Service_id = rs.getString("Service_id");
        tr_id3.add(Service_id);
    }
} catch (Exception e) {
    out.print(e);
}

%>
<div class="divh9">
    <div style="height:56px; width:auto;">
        <div class="divh3"><label class="labelh">Completed Services
</label></div>
    </div>
    <% for(int i=0;i<p3.size();i++) { %>
    <div class=divh10>
        <table style="width:210px; margin-left:12px;">
            <tr>
                <td style="font-weight: bold; font-size: 20px;"><%
out.println(f3.get(i));%> <% out.println(l3.get(i));%></td>
            </tr>
            <tr>
                <td style="color: blue; font-weight: bold; font-size: 16px;"><%
out.println(p3.get(i));%>,</td>
            </tr>
            <tr>
                <td style="font-weight: bold;"><% out.println(ad3.get(i));%>,
<% out.println(c3.get(i));%>,</td>

```

```

        </tr>
        <tr>
            <td style="font-weight: bold;"><% out.println(s3.get(i));%>,
<% out.println(d3.get(i));%></td>
        </tr>
    </table>

    <label class="service_id">Transaction id: <%
out.println(tr_id3.get(i));%> </label>
    <div class="divh10_1">
        <a
href="http://localhost:8080/Login_form/Invoice.jsp?Service_id=<%=tr_id3.
get(i)%>">
            <button class="btnh_2">View Bill</button>
        </a>
    </div>
</div>
<% }%>
</div>
</div>
<section id="about">
    <label class="labela">About Us</label>
    <p style="position:relative; left:120px; top:100px;">A random
paragraph can also be an excellent way for a writer to tackle writers' block.
Writing block can often happen due to being stuck with a current project that
the writer is trying to complete.</p>
    <p style="position:relative; left:120px; top:100px;">A random
paragraph can also be an excellent way for a writer to tackle writers' block.

```

Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

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<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block.

Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

<p style="position:relative; left:120px; top:100px;">A random paragraph can also be an excellent way for a writer to tackle writers' block. Writing block can often happen due to being stuck with a current project that the writer is trying to complete.</p>

</section>

<section class="contact-container">

<div id="divc">

<div class="divc1">

<label class="labelc">LET'S CONNECT</label>

<p class="pc">When there are great ideas at stake, it's always a good idea to share. Tell us how can we make it happen for you!!</p>

<p class="pc1">Fill the form below or mail us at business@example.in</p>

<label class="labelc1">

<input type="text" class="input" name="email" placeholder="NAME"/>

<div class="line-box">

```

        <div class="line"></div>
    </div>
</label>
<label class="labelc1">
    <input type="text" class="input" name="email" placeholder="E-
MAIL"/>
    <div class="line-box">
        <div class="line"></div>
    </div>
</label>
<label class="labelc1">
    <input type="text" class="input" name="email" placeholder="PHONE"/>
    <div class="line-box">
        <div class="line"></div>
    </div>
</label>
<label class="labelc1">
    <textarea type="text" class="input" name="email"
placeholder="MESSAGE"></textarea>
    <div class="line-box">
        <div class="line"></div>
    </div>
</label>
<br><br><br><br><button class="button">Submit</button>
</div>
    <div class="divc2">
<div class="slideshow">

```

```
<img class="mySlides" style="width:640px; height:312px;background:
#99FFCC ">
```

```
<img class="mySlides" style="width:640px; height:312px;background:
#2596be ">
```

```
<img class="mySlides" style="width:640px; height:312px;background:
#fabe00">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<script>
```

```
var myIndex = 0;
```

```
carousel();
```

```
function carousel() {
```

```
  var i;
```

```
  var x = document.getElementsByClassName("mySlides");
```

```
  for (i = 0; i < x.length; i++) {
```

```
    x[i].style.display = "none";
```

```
  }
```

```
  myIndex++;
```

```
  if (myIndex > x.length) {myIndex = 1}
```

```
  x[myIndex-1].style.display = "block";
```

```
  setTimeout(carousel, 2000); // Change image every 2 seconds
```

```
}
```

```
// Get the modal
```

```
var modal = document.getElementById("myModal");
```

```
// Get the button that opens the modal
var btn = document.getElementById("myBtn");

// Get the <span> element that closes the modal
var span = document.getElementsByClassName("close")[0];

// When the user clicks the button, open the modal
btn.onclick = function() {
    modal.style.display = "block";
}

// When the user clicks on <span> (x), close the modal
span.onclick = function() {
    modal.style.display = "none";
}

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
    if (event.target == modal) {
        modal.style.display = "none";
    }
}
</script>
</body>
</html>
```


5.2 Registration.

Registration.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Registration Form</title>
  <link
                        rel="shortcut
                        icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
@charset "ISO-8859-1";
#background{
  height:100vh;
  background: #7b7b7b;
  padding-bottom: 345px;
  padding-top: 100px;
  padding-left: 278px;
  padding-right: 100px;

}
body{
  margin: 0%;
}
```

```
.div0{  
    width: 964px;  
    height: 967px;  
    border-radius: 10px;  
    background-color: rgb(255, 255, 255, 1) ;  
}
```

```
.div1{  
    position:relative;  
    left:50px;  
    top: 90px;  
    height:212px;  
    width:900px;  
}
```

```
.div2{  
    position:relative;  
    left:50px;  
    top: 130px;  
    height:212px;  
    width:900px;  
}
```

```
.div3{  
    position:relative;  
    left:50px;  
    top: 220px;  
    height:150px;  
    width:900px;
```

```
}  
.div4{  
  position:relative;  
  left:none;  
  top:none;  
  height:90px;  
  width: 900px;  
}  
.div5{  
  position:relative;  
  left:none;  
  top:none;  
  height:90px;  
  width: 900px;  
}  
.div6{  
  position: relative;  
  left:5px;  
  top:4px;  
  height: 90px;  
  width: 550px;  
}  
.div7{  
  position: absolute;  
  left:610px;  
  top:8px;  
  height: 90px;
```

```
width: 240px;
}

```

```
.column {
  float: left;
  box-sizing: border-box;
  width: 33.33%;
  padding: 10px;
  height: 85px;
}
```

```
.label1 {
  position: relative;
  left:50px;
  top:50px;
  font-family: "Lucida Console", Times, serif;
  font-weight: bold;
  font-size: 30px;
}
```

```
.label2{
  color:darkgray;
```

```
font-family: "Lucida Console", Times, serif;  
font-weight: bold;  
font-size: 25px;  
}
```

```
.label3{  
font-family: "Lucida Console", Times, serif;  
font-weight: bold;  
font-size: 25px;  
}
```

```
.textpane{  
background-color: #F9f6f9;  
height:30px;  
width:230px;  
border-style: inset;  
border-radius: 5px;  
}
```

```
.textarea{  
background-color: #F9f6f9;  
height:80px;  
width:540px;  
border-style:inset;  
border-width:3px;  
border-radius: 5px;  
}
```

```
.container {  
font-family: "Lucida Console", Times, serif;
```

```
font-weight: bold;
font-size: 30px;
  position: relative;
  padding-left: 35px;
  margin-bottom: 12px;
  cursor: pointer;
  font-size: 22px;
  -webkit-user-select: none;
  -moz-user-select: none;
  -ms-user-select: none;
  user-select: none;
}
.container input {
  position: relative;
  opacity: 0;
  cursor: pointer;
}
.checkmark {
  position: absolute;
  top: 0;
  left: 0;
  height: 25px;
  width: 25px;
  background-color: #eee;
  border-radius: 50%;
}
.container:hover input ~ .checkmark {
```

```
    background-color: #ccc;
}
.container input:checked ~ .checkmark {
    background-color: #2196F3;
}
.checkmark:after {
    content: "";
    position: absolute;
    display: none;
}
.container input:checked ~ .checkmark:after {
    display: block;
}
.container .checkmark:after {
    top: 9px;
    left: 9px;
    width: 8px;
    height: 8px;
    border-radius: 50%;
    background: white;
}

.button {
    display: inline-block;
    border-radius: 4px;
    background: black;
    border: none;
```

```
color: #FFFFFF;
text-align: center;
font-size: 28px;
padding: 15px;
width: 160px;
transition: all 0.5s;
cursor: pointer;
margin: none;
}
.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
.button:hover span {
  padding-right: 25px;
}
```



```

.button:hover span:after {
    opacity: 1;
    right: 0;
}
</style>
<body>
    <form action="servlet/Servlet1/*" method="post" id="registration">
<!--Background-->
<div id="background">
<!--Container-->
<div class="div0">

<label class="label1">User Registration </label>

<div class="div1">

<label class="label2">General Information</label>
<div class="div4">

<div class="column">
    <label class="label3">First Name</label><br><br>
    <input class="textpane" type="text" name="fname" required>
</div>
<div class="column">
    <label class="label3">Last Name</label><br><br>
    <input class="textpane" type="text" name="lname" required>
</div>

```

```
<div class="column">
```

```
  <label class="label3">Gender</label><br><br>
```

```
  <label class="container">Male
```

```
    <input type="radio" value="Male" name="gender" required>
```

```
    <span class="checkmark"></span>
```

```
  </label>
```

```
  <label class="container">Female
```

```
    <input type="radio" value="Female" name="gender" >
```

```
    <span class="checkmark"></span>
```

```
  </label><br>
```

```
</div>
```

```
</div>
```

```
<div class="div5">
```

```
  <div class="column">
```

```
    <label class="label3">Birthday</label><br><br>
```

```
    <input class="textpane" type="date" name="dob" required>
```

```
  </div>
```

```
  <div class="column">
```

```
    <label class="label3">Email</label><br><br>
```

```
    <input class="textpane" type="email" name="email" required>
```

```
  </div>
```

```
  <div class="column">
```

```
    <label class="label3">Phone No.</label><br><br>
```

```
    <input      class="textpane"      type="number"      name="phone"
placeholder="xxx-xxx-xxxx"      required      min="1111111111">
```

```
max="9999999999" oninvalid="setCustomValidity('Invalid Phone No. ?')"  
onchange="try{setCustomValidity('')}catch(e){}">  
    </div>  
    </div>  
</div>  
<div class="div2">  
    <label class="label2">Location Information</label>  
    <div class="div4">  
        <div class="column">  
            <label class="label3">City</label><br><br>  
            <input class="textpane" type="text" name="city" required>  
        </div>  
        <div class="column">  
            <label class="label3">District</label><br><br>  
            <input class="textpane" type="text" name="district" required>  
        </div>  
        <div class="column">  
            <label class="label3">State</label><br><br>  
            <input class="textpane" type="text" name="state" required>  
        </div>  
    </div>  
</div>  
<div class="div5">  
    <div class="div6">  
        <label class="label3">Address</label><br><br>  
        <textarea class="textarea" name="address" placeholder="Enter address in  
detail" form="registration" required></textarea>  
    </div>
```

```

<div class="div7">
    <label class="label3">Pin Code</label><br><br>
    <input      class="textpane"      type="number"      name="pincode"
placeholder="xxx-xxx" pattern="[0-9]{3}[0-9]{3}" required min="111111"
max="999999"      oninvalid="setCustomValidity('Invalid      Pincod?')"
onchange="try{setCustomValidity('')}catch(e){}">
    </div>
</div>
</div>
<div class="div3">
    <label class="label2">Set Password</label><br>
    <div class="column">
        <label class="label3">Password</label><br><br>
        <input      class="textpane"      type="password"      name="password"
pattern="(?!.*\d)(?!.*[a-z])(?!.*[A-Z]).{8,}"
oninvalid="setCustomValidity('password must contain 8 or more characters
that are of at least one number,and one uppercasse and lowercase letter.')"
onchange="try{setCustomValidity('')}catch(e){}" required>
    </div>
    <div class="column">
        <label class="label3">Confirm Password</label><br><br>
        <input      class="textpane"      type="Password"      name="c_password"
pattern="(?!.*\d)(?!.*[a-z])(?!.*[A-Z]).{8,}"
oninvalid="setCustomValidity('password must contain 8 or more characters
that are of at least one number,and one uppercasse and lowercase letter.')"
onchange="try{setCustomValidity('')}catch(e){}" required>
    </div>

```

```

<div class="column">
  <label class="label3">Are You Service Provider ?</label><br><br>
  <label class="container">Yes
    <input type="radio" value="Provider" name="user_type" required>
    <span class="checkmark"></span>
  </label>
  <label class="container">No
    <input type="radio" value="Consumer" checked="checked"
name="user_type">
    <span class="checkmark"></span>
  </label><br>
</div>
</div>
<div class="div8">
  <button class="button" type="submit"><span>Register</span></button>
</div>
</div>
</div>
</form>
</body>
</html>

```

Registration.java:

```

import java.io.*;
import java.sql.Connection;

```

```

import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Servlet1 extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stmt ;
    /**
     *
     */
    private static final long serialVersionUID = 1L;
    public void doPost(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {

response.setContentType("text/html");
PrintWriter out = response.getWriter();

String a=request.getParameter("fname");
String b=request.getParameter("lname");
String c=request.getParameter("dob");
String d=request.getParameter("gender");
String e=request.getParameter("email");

```

```
String f=request.getParameter("phone");
String g=request.getParameter("city");
String h=request.getParameter("district");
String i=request.getParameter("state");
String j=request.getParameter("address");
String k=request.getParameter("pincode");
String l=request.getParameter("user_type");
String m=request.getParameter("password");
String n=request.getParameter("c_password");
String o=request.getParameter("services");
String p=request.getParameter("qualification");
String q=request.getParameter("work");
String r=request.getParameter("charge1");
String s=request.getParameter("charge2");
String t=request.getParameter("charge3");
String u=request.getParameter("charge4");
String v=request.getParameter("charge5");
String w=request.getParameter("charge6");
String x=request.getParameter("message");
String y=request.getParameter("terms");

if(l.equals("Provider")) {
    try {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
```

```

conn
=
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

stmt = conn.prepareStatement("INSERT INTO Pro_registration
Values(?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, NOW(), ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)",
ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);

stmt.setString(1, a);
stmt.setString(2, b);
stmt.setString(3, c);
stmt.setString(4, d);
stmt.setString(5, e);
stmt.setString(6, f);
stmt.setString(7, g);
stmt.setString(8, h);
stmt.setString(9, i);
stmt.setString(10, j);
stmt.setString(11, k);
stmt.setString(12, l);
stmt.setString(13, m);
stmt.setString(14, n);
stmt.setString(15, o);
stmt.setString(16, p);
stmt.setString(17, q);
stmt.setString(18, r);
stmt.setString(19, s);
stmt.setString(20, t);

```



```

        stmt.setString(21, u);
        stmt.setString(22, v);
        stmt.setString(23, w);
        stmt.setString(24, x);
        stmt.setString(25, y);
        stmt.executeUpdate();

        request.getRequestDispatcher("/index6.jsp").forward(request,
response);
    }
    catch(SQLException e1){
        if(e1.getErrorCode() == 1062 ){

            request.getRequestDispatcher("/Primarykey_Error.jsp").forward(requ
est, response);
        }
    }
}

catch(Exception e1) {
    out.println(e1);
}

}

else {

    try {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");

```

```

conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

stmt = conn.prepareStatement("INSERT INTO Con_registration
Values(?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, NOW(), ?, ?, ?)",
ResultSet.TYPE_SCROLL_SENSITIVE, ResultSet.FETCH_FORWARD);

stmt.setString(1, a);
stmt.setString(2, b);
stmt.setString(3, c);
stmt.setString(4, d);
stmt.setString(5, e);
stmt.setString(6, f);
stmt.setString(7, g);
stmt.setString(8, h);
stmt.setString(9, i);
stmt.setString(10, j);
stmt.setString(11, k);
stmt.setString(12, l);
stmt.setString(13, m);
stmt.setString(14, n);
stmt.executeUpdate();

response.sendRedirect("http://localhost:8080/Sample2/index3.html");
} catch(SQLException e1){
    if(e1.getErrorCode() == 1062 ){

```

```

        request.getRequestDispatcher("/Primarykey_Error.jsp").forward(request, response);
    }
}
} catch (Exception e2) {
    out.print(e2);
}

}
out.close();
}}

```

If User is a service provider:

Pro_wadges.html:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="style2.css">
    <title>Add Services</title>
    <link
        rel="shortcut
        icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">

```

```
</head>
<style>
#background{
    background:#7b7b7b;
    padding-bottom: 120px;
    padding-top: 100px;
    padding-left: 230px;
    padding-right: 100px;
    height:100%;
}
body{
    margin: 0%;
}

.div0{
    position: relative;
    width: 465px;
    height: 765px;
    border-radius: 10px;
    background-color: rgb(255, 255, 255, 1) ;
}
.div1{
    height:120px;
    width:360px;
    position: relative;
    left: 50px;
    top:90px;
```

```
}  
.div2{  
  height:120px;  
  width:360px;  
  position: relative;  
  left: 50px;  
  top:100px;  
}  
.div3{  
  height:120px;  
  width:360px;  
  position: relative;  
  left: 50px;  
  top:130px;  
}  
.div4{  
  height:135px;  
  width:360px;  
  position: relative;  
  left: 50px;  
  top:160px;  
}  
.div00{  
  position: relative;  
  left:600px;  
  bottom:526px;  
  width: 465px;
```

```
height: 765px;
border-radius: 10px;
background-color: rgb(255, 255, 255, 1) ;
}
.div000{
height:auto;
width:150px;
}
.div01{
position: relative;
left:50px;
top:90px;
height:30px;
width:360px;
}
.div02{
position: relative;
margin-top: 15px;
left:50px;
top:90px;
height:50px;
width:360px;
}
.div03{
position: relative;
margin-top: 15px;
left:50px;
```

```
top:90px;
height:50px;
width:360px;
}


```
.div04{
position: relative;
margin-top: 15px;
left:50px;
top:90px;
height:70px;
width:360px;
}
```



```
.div05{
position: relative;
margin-top: 15px;
left:50px;
top:90px;
height:70px;
width:360px;
}
```



```
.div06{
position: relative;
margin-top: 15px;
left:50px;
top:90px;
height:50px;
width:360px;
```


```

```
}  
.div07{  
    position: relative;  
    margin-top: 15px;  
    left:50px;  
    top:90px;  
    height:70px;  
    width:360px;  
}  
.div08{  
    position: relative;  
    margin-top: 15px;  
    left:50px;  
    top:90px;  
    height:40px;  
    width:360px;  
}  
.div09{  
    position:relative;  
    left:255px;  
    top:100px;  
    height: 65px;  
    width:160px;  
}  
.label1{  
    position: relative;  
    left:50px;
```



```
    top:50px;
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 30px;
}
.label2{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
}
.label3{
    font-family: "Lucida Console", Times, serif;
    color:yellow;
}
.label4{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 21px;
}
.textpane{
    background-color: #F9f6f9;
    height:50px;
    width:350px;
    border-style: inset;
    border-radius: 5px;
}
.textpanel {
```

```
position: relative;
left:175px;
bottom:25px;
background-color: #F9f6f9;
height:20px;
width:180px;
border-radius: 5px;
}
.listbox{
    background-color: #F9f6f9;
    height:50px;
    width:360px;
    border-style: inset;
    border-radius: 5px;
    font-weight: bold;
    font-size: 18px;
}
.textarea{
    background-color: #F9f6f9;
    height:80px;
    width:350px;
    border-style:inset;
    border-width:3px;
    border-radius: 5px;
    font-size: 18px;
    resize: none;
}
```

```
.textarea1 {
  background-color: #F9f6f9;
  height:40px;
  width:350px;
  border-style:inset;
  border-width:3px;
  border-radius: 5px;
  font-size: 18px;
  resize: none;
}

.container {
  font-family: "Lucida Console", Times, serif;
  font-weight: bold;
  font-size: 25px;
  position: relative;
  padding-left: 35px;
  margin-bottom: 12px;
  cursor: pointer;
  font-size: 22px;
  -webkit-user-select: none;
  -moz-user-select: none;
  -ms-user-select: none;
  user-select: none;
}

.container input {
  position: relative;
  opacity: 0;
```

```
    cursor: pointer;
}

.checkmark {
    position: absolute;
    top: 0;
    left: 0;
    height: 25px;
    width: 25px;
    background-color: #eee;
    border-radius: 50%;
}

.container:hover input ~ .checkmark {
    background-color: #ccc;
}

.container input:checked ~ .checkmark {
    background-color: #2196F3;
}

.checkmark:after {
    content: "";
    position: absolute;
    display: none;
}

.container input:checked ~ .checkmark:after {
    display: block;
}

.container .checkmark:after {
    top: 9px;
```

```
    left: 9px;  
    width: 8px;  
    height: 8px;  
    border-radius: 50%;  
    background: white;  
}
```

```
.button {  
    display: inline-block;  
    border-radius: 4px;  
    background: black;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;  
    font-size: 28px;  
    padding: 10px;  
    width: 150px;  
    transition: all 0.5s;  
    cursor: pointer;  
    margin: 5px;  
}
```

```
.button span {  
    cursor: pointer;  
    display: inline-block;  
    position: relative;  
    transition: 0.5s;  
}
```

```

.button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
.button:hover span {
    padding-right: 25px;
}
.button:hover span:after {
    opacity: 1;
    right: 0;
}
</style>
<body>
<form action="servlet/Servlet5" method="post" id="registration">
<!--Background-->
<div id="background">
<!--Container-->
<% String phone = request.getParameter("phone"); %>
<label class="label3">*Your login id is <%= phone %>.</label>
<div class="div0">

```

```
<label class="label1">Services</label>
```

```
<div class="div1">
```

```
  <label class="label2">Enter your login id</label><br><br>
```

```
  <input class="textpane" type="number" name="phone" placeholder="xxx-  
xxx-xxxx"      required      min="1111111111"      max="9999999999"  
oninvalid="setCustomValidity('Invalid      Phone      No.      ?')"  
onchange="try{ setCustomValidity('')}catch(e){ }">
```

```
</div>
```

```
<div class="div2">
```

```
  <div>
```

```
    <label class="label2">Select The Services You Provide.</label><br><br>
```

```
    <select class="listbox" name="services" required>
```

```
      <option value="" disabled selected>Choose Your Service </option>
```

```
      <option value="Plumber" >Plumber</option>
```

```
      <option value="Carpenter" >Carpenter</option>
```

```
      <option value="Mechanical" >Mechanical</option>
```

```
      <option value="Phootographer" >Photographer</option>
```

```
    </select>
```

```
  </div>
```

```
</div>
```

```
<div class="div3">
```

```
<div>
  <label      class="label2">What      is      your      highest
qualification?</label><br><br>
  <select class="listbox" name="qualification" required>
    <option value="" disabled selected>Choose Your Qualification </option>
    <option value="SSC">SSC</option>
    <option value="HSC">HSC</option>
    <option value="ITI">ITI</option>
    <option value="Diploma">Diploma</option>
    <option value="Engineering">Engineering</option>
  </select>
</div>
```

```
</div>
```

```
<div class="div4">
```

```
  <label class="label2">Explain your work.</label><br><br>
  <textarea class="textarea" name="work" placeholder="Enter about services
in detail" form="registration"></textarea>
```

```
</div>
```

```
<div class="div00">
```

```
  <label class="label1">Charges Declaration</label>
```

```
  <div class="div01">
```



```
<div class="div000">
  <label class="label4">Visit Only</label>
</div>
<input class="textpane1" name="charge1" type="number"/>
</div>
<div class="div02">
  <div class="div000">
    <label class="label4">Minimum Work</label>
  </div>
  <input class="textpane1" name="charge2" type="number"/>
</div>
<div class="div03">
  <div class="div000">
    <label class="label4">Amount Per hour</label>
  </div>
  <input class="textpane1" name="charge3" type="number"/>
</div>
<div class="div04">
  <div class="div000">
    <label class="label4">Non-working hours or holidays</label>
  </div>
  <input class="textpane1" name="charge4" type="number"/>
</div>
<div class="div05">
  <div class="div000">
    <label class="label4">Distance greater than 5km</label>
  </div>
```

```

        <input class="textpane1" name="charge5" type="number"/>
    </div>
    <div class="div06">
        <div class="div000">
            <label class="label4">Extra labor needed</label>
        </div>
        <input class="textpane1" name="charge6" type="number" />
    </div>
    <div class="div07">
        <label class="label4">Any Message</label>
        <textarea
            class="textarea1"
            name="message"
            form="registration"></textarea>
    </div>
    <div class="div08">
        <input type="checkbox" name="terms" value="Agreed">
        <label style="font-weight: bold;" for="terms">I hereby declare that I will
not charge anyone </label><br>
        &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<label
            style="font-weight:
bold;">beyond above mention wages.</label>
    </div>
    <div class="div09">
        <button
            class="button"
            type="submit"
            style="vertical-align:middle"
            required><span>Register</span></button>
    </div>

</div>

```

</form>

</body>

</html>

Pro_wadges:

```
import java.io.*;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.Statement;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.*;
```

```
public class Servlet5 extends HttpServlet {
```

```
    private static Connection conn;
```

```
    private static PreparedStatement stat;
```

```
    private static Statement stmt;
```

```
    private static ResultSet rs;
```

```
/**
```

```
    *
```

```
    */
```

```
    private static final long serialVersionUID = 1L;
```

```
public void doPost(HttpServletRequest request, HttpServletResponse  
response)
```

```
    throws ServletException, IOException {
```

```

response.setContentType("text/html");
PrintWriter out = response.getWriter();

try {
    String phone=request.getParameter("phone");
    String services=request.getParameter("services");
    String qualification=request.getParameter("qualification");
    String work=request.getParameter("work");
    String charge1=request.getParameter("charge1");
    String charge2=request.getParameter("charge2");
    String charge3=request.getParameter("charge3");
    String charge4=request.getParameter("charge4");
    String charge5=request.getParameter("charge5");
    String charge6=request.getParameter("charge6");
    String message=request.getParameter("message");
    String terms=request.getParameter("terms");

    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
    "root");

    stmt=conn.createStatement();

    String display2 = "Update Pro_registration set services = " + services + ",
    qualification=" + qualification + ", work=" + work + ",charge1 = " +
    charge1 + ", charge2=" + charge2 + ", charge3=" + charge3 + ",charge4="
    + charge4 + ",charge5=" + charge5 + ",charge6=" + charge6 + ",message="
    + message + ",term=" + terms + "Where phone = " + phone + " ";

```

```
        stmt.executeUpdate(display2);
        response.sendRedirect("http://localhost:8080/Sample2/index3.html");
    }
    catch(Exception e) {
        out.print(e);
    }
}
```

```
out.close();
}} import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
```

```
import javax.servlet.ServletException;
import javax.servlet.http.*;
```

```
public class Servlet5 extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stat;
    private static Statement stmt;
    private static ResultSet rs;
    /**
     *
     */
    private static final long serialVersionUID = 1L;
```

```

public void doPost(HttpServletRequest request, HttpServletResponse
response)
    throws ServletException, IOException {

response.setContentType("text/html");
PrintWriter out = response.getWriter();

try {
    String phone=request.getParameter("phone");
    String services=request.getParameter("services");
    String qualification=request.getParameter("qualification");
    String work=request.getParameter("work");
    String charge1=request.getParameter("charge1");
    String charge2=request.getParameter("charge2");
    String charge3=request.getParameter("charge3");
    String charge4=request.getParameter("charge4");
    String charge5=request.getParameter("charge5");
    String charge6=request.getParameter("charge6");
    String message=request.getParameter("message");
    String terms=request.getParameter("terms");

    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

    stmt=conn.createStatement();

```

```

String display2 = "Update Pro_registration set services = " + services + ",
qualification=" + qualification + ", work=" + work + ",charge1 = " +
charge1 + ", charge2=" + charge2 + ", charge3=" + charge3 + ",charge4="
+ charge4+ ",charge5=" + charge5 + ",charge6=" + charge6 + ",message="
+ message + ",term=" + terms + "Where phone = " + phone + " ";
stmt.executeUpdate(display2);
response.sendRedirect("http://localhost:8080/Sample2/index3.html");
}
catch(Exception e) {
    out.print(e);
}

out.close();
}}

```

Registration_Successfull.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Register Successfully</title>
    <link
                                rel="shortcut
                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">

```

```
</head>
<style>
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 420px;
    padding-right: 100px;

}
body{
    margin: 0%;
}

.div0{
    width: 700px;
    height: 700px;
    border-radius: 10px;
    background-color: rgb(255, 255, 255, 1) ;

}

.button {
    display: inline-block;
    border-radius: 4px;
```



```
background:black;
border: none;
color: #FFFFFF;
text-align: center;
font-size: 28px;
padding: 10px;
width: 150px;
transition: all 0.5s;
cursor: pointer;
margin: 5px;
}
.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
.button:hover span {
  padding-right: 25px;
```

```
}
.button:hover span:after {
    opacity: 1;
    right: 0;

}
</style>
<body>
<%String phone=request.getParameter("phone"); %>

<!--Background-->
<div id="background">
<!--Container-->
<div style="width: 750px; height: 460px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:50px; top:100px;">

    <label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >Registration Completed Successfully!</label><br>
```

```
<label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >Your Login Id is <%=phone %>.Please Complete
Your Account Setup.</label>
```

```
</div>
```

```
<div style="position: relative; left:550px; top:120px; height: 65px;
width:160px;">
```

```
<a href="http://localhost:8080/Sample2/index8.jsp?phone=<%= phone %>">
```

```
<button class="button" type="submit" ><span>Next </span></button>
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

5.3 Login.

Login.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" href="style1.css">
```

```
<title>Login</title>

<link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<body>
<form action="servlet/Servlet1/*" method ="post">
<!--Background-->
<div id="background">
<!--Container-->
<div class="div0">

<label class="label1">Login</label>

<div class="div1">

<div class="column">
    <label class="label2">Username</label><br><br>
    <input class="textpane" type="text" name="phone" placeholder="Enter
Phone Number" required>
</div>
</div>

<div class="div2">

<div class="column">
    <label class="label2">Password</label><br><br>
```

```
<input      class="textpane"      type="password"      name="password"
placeholder="Enter Password" required>
```

```
</div>
```

```
</div>
```

```
<div class="div3">
```

```
<label class="label2">Are You Service Provider?</label><br><br>
```

```
<label class="container">Yes
```

```
<input type="radio" value="Provider" name="user_type">
```

```
<span class="checkmark"></span>
```

```
</label>
```

```
<label class="container">No
```

```
<input      type="radio"      value="Consumer"      checked="checked"
name="user_type" required>
```

```
<span class="checkmark"></span>
```

```
</label><br>
```

```
</div>
```

```
<div class="div4">
```

```
<button      class="button"      type="submit"      style="vertical-
align:middle"><span>Login</span></button>
```

```
</div>
```

```
<a href="http://localhost:8080/Login_form/index3.html"><h5>Forget  
Password</h5></a>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Login.java:

```
import java.io.*;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
import javax.servlet.ServletException;  
import javax.servlet.http.*;  
  
public class Servlet1 extends HttpServlet {  
    private static Connection conn;  
    private static PreparedStatement stmt ;
```

```

        private static Statement stat;

/**
 *
 */

        private static final long serialVersionUID = 1L;
        @SuppressWarnings("resource")
        public void doPost(HttpServletRequest request, HttpServletResponse
        response)
            throws ServletException, IOException {

            response.setContentType("text/html");
            PrintWriter out = response.getWriter();

            String phone=request.getParameter("phone");
            String password=request.getParameter("password");
            String user_type=request.getParameter("user_type");
            if(user_type.equals("Provider")) {
                try {
                    conn
                    DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
                    "root");
                    stat
                    conn.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,
                    ResultSet.TYPE_SCROLL_SENSITIVE);
                    String UserCheck="SELECT Phone FROM Pro_registration";
                    String DbUserName="";
                    ResultSet rst=stat.executeQuery(UserCheck);

```

```

        while(rst.next()){
            DbUserName=rst.getString("Phone");
            if (phone.equals(DbUserName)) {
                String PassCheck="SELECT Password FROM Pro_registration
where Phone= '" + DbUserName + "';" ;
                String DbPassword="";
                rst=stat.executeQuery(PassCheck);
                while(rst.next()){
                    DbPassword=rst.getString("Password");
                    if (password.equals(DbPassword)) {
                        try {

Class.forName("com.mysql.cj.jdbc.Driver");

                                conn                                =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

                                stmt                                =
conn.prepareStatement("INSERT INTO login Values(?,?,NOW())",
ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);

                                stmt.setString(1, phone);
                                stmt.setString(2, user_type);
                                stmt.executeUpdate();

                        }
                        catch(Exception e1){
                            out.print(e1);
                        }
                    }
                }
            }
        }
    }
}

```



```

request.getRequestDispatcher("/Pro_homepage.jsp").forward(request,
response);

        }
        else {

response.sendRedirect("http://localhost:8080/Login_form/index6.jsp");

        }
    }
}
/*else {
    request.getRequestDispatcher("/index5.jsp").forward(request,
response);
}*/
}
}catch(Exception e1) {
    out.println(e1);
}

}

else {
try {
    conn
                                =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

```

```

stat
conn.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.C
ONCUR_UPDATABLE);

String UserCheck="SELECT Phone FROM Con_registration";
String DbUserName="";
ResultSet rst=stat.executeQuery(UserCheck);
while(rst.next()){
    DbUserName=rst.getString("Phone");
    if (phone.equals(DbUserName)) {
        String PassCheck="SELECT Password FROM Con_registration
where Phone= '" + DbUserName + "';" ;
        String DbPassword="";
        rst=stat.executeQuery(PassCheck);
        while(rst.next()){
            DbPassword=rst.getString("Password");
            if (password.equals(DbPassword)) {
                try {
                    Class.forName("com.mysql.cj.jdbc.Driver");
                    conn
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

                    stmt = conn.prepareStatement("INSERT
INTO login Values(?,?,NOW())", ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);

                    stmt.setString(1, phone);
                    stmt.setString(2, user_type);
                    stmt.executeUpdate();

```

```

        }
        catch(Exception e1){
            out.print(e1);
        }

request.getRequestDispatcher("/homepage.jsp").forward(request, response);
    }
    else {

response.sendRedirect("http://localhost:8080/Login_form/index6.jsp");
    }
}
}
/*else {
    request.getRequestDispatcher("/index5.jsp").forward(request,
response);
}*/

}

}catch(Exception e1) {
    out.println(e1);
}
}

out.close();

```

```
}}
```

5.4 Profile.

Profile.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"% >
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link type="text/css" rel="stylesheet" href="Style1.css">
    <title>User Profile</title>
    <link
                                rel="shortcut
                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<style>
@charset "ISO-8859-1";
@charset "ISO-8859-1";
#background{
    height:100vh;
    background: #7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
```

```
padding-left: 100px;
padding-right: 100px;

}
body{
margin: 0%;
}

.div0{
width: 1323px;
height: 700px;
border-radius: 10px;
background-color: rgb(255, 255, 255, 1) ;
}
.div1{
border-style:groove;
border-radius: 10px;
border-color: #2196F3;
position:relative;
left:70px;
top: 63px;
height:170px;
width:170px;
}
.div2{
position:relative;
left:none;
```

```
    top: 20px;
    height:85px;
    width:953px;
}
.div3{
    position:relative;
    left:none;
    top:40px;
    height:85px;
    width:953px;
}
.div4{
    position:absolute;
    left:390px;
    top: 137px;
    height:250px;
    width:953px;
}
.div5{
    position:absolute;
    left:390px;
    top: 415px;
    height:250px;
    width:953px;
}
.div6{
    position:relative;
```

```
    left:325px;
    bottom: 70px;
    height:60px;
    width:330px;
}
.div7{
    padding: 5px;
    position:relative;
    left:750px;
    top: 90px;
    height:60px;
    width:330px;
}
.column {
    float: left;
    box-sizing: border-box;
    width: 33.33%;
    padding: 10px;
    height: 85px;
}
.label1 {
    position: relative;
    left:85px;
    top:40px;
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 30px;
```

```
}  
.label2{  
    position: relative;  
    left:none;  
    top:none;  
    color:rgb(150, 146, 146);  
    font-family: "Lucida Console", Times, serif;  
    font-size: 30px;  
}  
.label3{  
    font-family: "Lucida Console", Times, serif;  
    font-weight: bold;  
    font-size: 25px;  
}  
.label4{  
    font-family: "Lucida Console", Times, serif;  
    font-weight: bold;  
    font-size: 25px;  
    position: relative;  
    left:85px;  
    top:90px;  
}  
.textpane{  
    background-color: #F9f6f9;  
    height:30px;  
    width:230px;  
    border-style: inset;
```



```
border-radius: 5px;
}
.textarea{
background-color: #F9f6f9;
height:60px;
width:577px;
border-style:inset;
border-width:3px;
border-radius: 5px;
}
.container {
position: relative;
padding-left: 35px;
margin-bottom: 12px;
cursor: pointer;
font-size: 22px;
-webkit-user-select: none;
-moz-user-select: none;
-ms-user-select: none;
user-select: none;
}
.container input {
position: relative;
opacity: 0;
cursor: pointer;
}
.checkmark {
```

```
position: absolute;
top: 0;
left: 0;
height: 25px;
width: 25px;
background-color: #eee;
border-radius: 50%;
}
.container:hover input ~ .checkmark {
  background-color: #ccc;
}
.container input:checked ~ .checkmark {
  background-color: #2196F3;
}
.checkmark:after {
  content: "";
  position: absolute;
  display: none;
}
.container input:checked ~ .checkmark:after {
  display: block;
}
.container .checkmark:after {
  top: 9px;
  left: 9px;
  width: 8px;
  height: 8px;
```

```
border-radius: 50%;  
background: white;  
}
```

```
.button {  
border-radius: 4px;  
background:black;  
border: none;  
color: #FFFFFF;  
text-align: center;  
font-size: 28px;  
padding: 10px;  
width: 150px;  
transition: all 0.5s;  
cursor: pointer;  
margin: 5px;  
}
```

```
.button span {  
cursor: pointer;  
display: inline-block;  
position: relative;  
transition: 0.5s;  
}
```

```
.button span:after {  
content: '\00bb';  
position: absolute;  
opacity: 0;
```

```
top: 0;
right: -20px;
transition: 0.5s;
}
.button:hover span {
padding-right: 25px;

}
.button:hover span:after {
opacity: 1;
right: 0;

}
```

```
</style>
<body>
<!--Background-->
<div id="background">
<!--Container-->
<div class="div0">

<label class="label1">Profile</label>

<div class="div1">
```

```

```

```
</div>
```

```
<label class="label4">${user_type}</label>
```

```
<div class="div4">
```

```
<label class="label2">User Information</label>
```

```
<div class="div2">
```

```
<div class="column">
```

```
<label class="label3">First Name</label><br><br>
```

```
<input class="textpane" type="text" name="fname" disabled  
value="${fname}">
```

```
</div>
```

```
<div class="column">
```

```
<label class="label3">Last Name</label><br><br>
```

```
<input class="textpane" type="text" name="lname" disabled  
value="${lname}">
```

```
</div>
```

```
<div class="column">
```

```
<label class="label3">Gender</label><br><br>
```

```
<input class="textpane" type="text" name="gender" disabled
value="${gender}">
```

```
</div>
```

```
</div>
```

```
<div class="div3">
```

```
<div class="column">
```

```
<label class="label3">Birthday</label><br><br>
```

```
<input class="textpane" type="text" name="dob" disabled
value="${dob}">
```

```
</div>
```

```
<div class="column">
```

```
<label class="label3">Email</label><br><br>
```

```
<input class="textpane" type="email" name="email" disabled
value="${email}">
```

```
</div>
```

```
<div class="column">
```

```
<label class="label3">Phone No.</label><br><br>
```

```
<input class="textpane" type="number" name="phone" pattern="[0-
9]{3}[0-9]{3}[0-9]{4}" required disabled value="${phone}" >
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="div5">
```

```
  <label class="label2">Location Information</label>
```

```
<div class="div2">
```

```
  <div class="column">
```

```
    <label class="label3">City</label><br><br>
```

```
    <input      class="textpane"      type="text"      name="city"      disabled
value="{city}">
```

```
  </div>
```

```
  <div class="column">
```

```
    <label class="label3">District</label><br><br>
```

```
    <input      class="textpane"      type="text"      name="district"      disabled
value="{district}">
```

```
  </div>
```

```
  <div class="column">
```

```
    <label class="label3">State</label><br><br>
```

```
    <input      class="textpane"      type="text"      name="state"      disabled
value="{state}">
```

```
  </div>
```

```
</div>
```

```
<div class="div3">
```

```
  <div class="column">
```

```

<label class="label3">Pin Code</label><br><br>
<input class="textpane" type="number" name="pincode" pattern="[0-9]{3}[0-9]{3}" required disabled value="{pincode}">
</div>

<div class="div6">

<label class="label3">Address</label><br><br>
<input class="textarea" type="text" name="address" disabled
value="{address}">

</div>
</div>

<div class="div7">
<a
href="http://localhost:8080/Login_form/Edit.jsp?fname={fname}&lname=
{lname}&gender={gender}&dob={dob}&email={email}&phone={p
hone}&city={city}&district={district}&state={state}&pincode={pinco
de}&address={address}&user_type={user_type}"><button
class="button" type="submit"><span>Edit</span></button></a>
</div>

</div>
</div>

</body>

```


</html>

Profile.java:

```
import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Profile extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stat;
    private static Statement stmt;
    private static ResultSet rs;
    private static String PhoneNo, UserType;

    public void doGet(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {

response.setContentType("text/html");
PrintWriter out = response.getWriter();
PhoneNo=request.getParameter("phone");
UserType=request.getParameter("user_type");
```

```

if(UserType.equals("Consumer")) {
try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

    stmt = conn.createStatement();

    String display = "SELECT * FROM Con_registration where phone = " +
PhoneNo + " ";

    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String fname = rs.getString("fname");
        String lname = rs.getString("lname");
        String dob = rs.getString("dob");
        String gender = rs.getString("gender");
        String email = rs.getString("email");
        String phone = rs.getString("phone");
        String user_type = rs.getString("user_type");
        String city = rs.getString("city");
        String district = rs.getString("district");
        String state = rs.getString("state");
        String pincode = rs.getString("pincode");
        String address = rs.getString("address");

        request.setAttribute("fname", fname);
        request.setAttribute("lname", lname);
    }
}
}

```

```

        request.setAttribute("dob", dob);
        request.setAttribute("gender", gender);
        request.setAttribute("email", email);
        request.setAttribute("phone", phone);
        request.setAttribute("user_type", user_type);
        request.setAttribute("city", city);
        request.setAttribute("district", district);
        request.setAttribute("state", state);
        request.setAttribute("pincode", pincode);
        request.setAttribute("address", address);
        request.getRequestDispatcher("/Profile.jsp").forward(request,
response);
    }
} catch (Exception e) {
    out.print(e);
}
out.close();
}
else {
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
        stmt = conn.createStatement();
        String display = "SELECT * FROM Pro_registration where phone =
" + PhoneNo + " ";

```

```
rs = stmt.executeQuery(display);
while (rs.next()) {
    String fname = rs.getString("fname");
    String lname = rs.getString("lname");
    String dob = rs.getString("dob");
    String gender = rs.getString("gender");
    String email = rs.getString("email");
    String phone = rs.getString("phone");
    String user_type = rs.getString("user_type");
    String city = rs.getString("city");
    String district = rs.getString("district");
    String state = rs.getString("state");
    String pincode = rs.getString("pincode");
    String address = rs.getString("address");

    request.setAttribute("fname", fname);
    request.setAttribute("lname", lname);
    request.setAttribute("dob", dob);
    request.setAttribute("gender", gender);
    request.setAttribute("email", email);
    request.setAttribute("phone", phone);
    request.setAttribute("user_type", user_type);
    request.setAttribute("city", city);
    request.setAttribute("district", district);
    request.setAttribute("state", state);
    request.setAttribute("pincode", pincode);
    request.setAttribute("address", address);
}
```

```

        request.getRequestDispatcher("/Profile.jsp").forward(request,
response);
    }
    } catch (Exception e) {
        out.print(e);
    }
    out.close();
}

}

}

```

Edit.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link type="text/css" rel="stylesheet" href="Style1.css">
    <title>User Profile</title>
    <link
                                rel="shortcut
                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head>

```

```
<style>
@charset "ISO-8859-1";
@charset "ISO-8859-1";
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 100px;
    padding-right: 100px;

}
body{
    margin: 0%;
}

.div0{
    width: 1323px;
    height: 700px;
    border-radius: 10px;
    background-color: rgb(255, 255, 255, 1) ;
}
.div1{
    border-style:groove;
    border-radius: 10px;
    border-color: #2196F3;
```

```
    position:relative;
    left:70px;
    top: 63px;
    height:170px;
    width:170px;
}
.div2{
    position:relative;
    left:none;
    top: 20px;
    height:85px;
    width:953px;
}
.div3{
    position:relative;
    left:none;
    top:40px;
    height:85px;
    width:953px;
}
.div4{
    position:absolute;
    left:390px;
    top: 137px;
    height:250px;
    width:953px;
}
```

```
.div5{  
    position:absolute;  
    left:390px;  
    top: 415px;  
    height:250px;  
    width:953px;  
}
```

```
.div6{  
    position:relative;  
    left:325px;  
    bottom: 70px;  
    height:60px;  
    width:330px;  
}
```

```
.div7{  
    padding: 5px;  
    position:relative;  
    left:880px;  
    top: 380px;  
    height:60px;  
    width:330px;  
}
```

```
.column {  
    float: left;  
    box-sizing: border-box;  
    width: 33.33%;  
    padding: 10px;
```



```
    height: 85px;
}
.label1{
    position: relative;
    left:85px;
    top:40px;
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 30px;
}
.label2{
    position: relative;
    left:none;
    top:none;
    color:rgb(150, 146, 146);
    font-family: "Lucida Console", Times, serif;
    font-size: 30px;
}
.label3{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
}
.label4{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
```

```
    position: relative;
    left:85px;
    top:90px;
}

.textpane{
    background-color: #F9f6f9;
    height:30px;
    width:230px;
    border-style: inset;
    border-radius: 5px;
}

.textarea{
    background-color: #F9f6f9;
    height:60px;
    width:577px;
    border-style:inset;
    border-width:3px;
    border-radius: 5px;
}

.container {
    position: relative;
    padding-left: 35px;
    margin-bottom: 12px;
    cursor: pointer;
    font-size: 22px;
    -webkit-user-select: none;
    -moz-user-select: none;
```

```
-ms-user-select: none;
user-select: none;
}
.container input {
  position: relative;
  opacity: 0;
  cursor: pointer;
}
.checkmark {
  position: absolute;
  top: 0;
  left: 0;
  height: 25px;
  width: 25px;
  background-color: #eee;
  border-radius: 50%;
}
.container:hover input ~ .checkmark {
  background-color: #ccc;
}
.container input:checked ~ .checkmark {
  background-color: #2196F3;
}
.checkmark:after {
  content: "";
  position: absolute;
  display: none;
```

```
}  
.container input:checked ~ .checkmark:after {  
    display: block;  
}  
.container .checkmark:after {  
    top: 9px;  
    left: 9px;  
    width: 8px;  
    height: 8px;  
    border-radius: 50%;  
    background: white;  
}  
  
.button {  
    border-radius: 4px;  
    background: black;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;  
    font-size: 28px;  
    padding: 10px;  
    width: 150px;  
    transition: all 0.5s;  
    cursor: pointer;  
    margin: 5px;  
}  
.button span {
```

```
    cursor: pointer;
    display: inline-block;
    position: relative;
    transition: 0.5s;
}
.button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
.button:hover span {
    padding-right: 25px;
}
.button:hover span:after {
    opacity: 1;
    right: 0;
}
```

</style>

<body>

<form action="servlet/Update/*" method="post">

```
<!--Background-->
<div id="background">
<!--Container-->
<div class="div0">
<%String fname = request.getParameter("fname");
    String lname = request.getParameter("lname");
    String gender = request.getParameter("gender");
    String dob= request.getParameter("dob");
    String email = request.getParameter("email");
    String phone = request.getParameter("phone");
    String user_type = request.getParameter("user_type");
    String city = request.getParameter("city");
    String district = request.getParameter("district");
    String state = request.getParameter("state");
    String pincode = request.getParameter("pincode");
    String address = request.getParameter("address");
%>
```

```
<label class="label1">Profile</label>
```

```
<div class="div1">
```

```

```

</div>

<label class="label4"><%= user_type %></label>

<div class="div4">

<label class="label2">User Information</label>

<div class="div2">

<div class="column">

<label class="label3">First Name</label>

<input class="textpane" type="text" name="fname" value="<%= fname
%>" >

</div>

<div class="column">

<label class="label3">Last Name</label>

<input class="textpane" type="text" name="lname" value="<%= lname
%>" >

</div>

<div class="column">

<label class="label3">Gender</label>

<input class="textpane" type="text" name="gender" value="<%= gender
%>" >

</div>

</div>

```
<div class="div3">
```

```
  <div class="column">
```

```
    <label class="label3">Birthday</label><br><br>
```

```
    <input class="textpane" type="text" name="dob" value="<%= dob %>">
```

```
  </div>
```

```
  <div class="column">
```

```
    <label class="label3">Email</label><br><br>
```

```
    <input class="textpane" type="email" name="email" value="<%= email  
%>">
```

```
  </div>
```

```
  <div class="column">
```

```
    <label class="label3">Phone No.</label><br><br>
```

```
    <input class="textpane" type="number" name="phone" pattern="[0-  
9]{3}[0-9]{3}[0-9]{4}" required value="<%= phone %>" readonly>
```

```
  </div>
```

```
</div>
```

```
</div>
```

```
<div class="div5">
```

```
  <label class="label2">Location Information</label>
```

```
<div class="div2">
```



```
<div class="column">
  <label class="label3">City</label><br><br>
  <input class="textpane" type="text" name="city" value="<%= city %>">
</div>

<div class="column">
  <label class="label3">District</label><br><br>
  <input class="textpane" type="text" name="district" value="<%= district
%>">
</div>

<div class="column">
  <label class="label3">State</label><br><br>
  <input class="textpane" type="text" name="state" value="<%= state
%>">
</div>

</div>

<div class="div3">
  <div class="column">
    <label class="label3">Pin Code</label><br><br>
    <input class="textpane" type="number" name="pincode" value="<%=
pincode %>">
  </div>
  <div>

    <label class="label3">Address</label><br><br>
```

```
<input class="textarea" type="text" name="address" value="<%= address  
%>">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="div7">
```

```
<button class="button" type="submit" style="position: relative; top: 2px;  
left:160px;">Save</button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Update.java:

```
import java.io.*;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.Statement;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.*;
```

```

public class Update extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stat;
    private static Statement stmt;
    private static ResultSet rs;

    /**
     *
     */

    private static final long serialVersionUID = 1L;

    public void doPost(HttpServletRequest request, HttpServletResponse
    response)
        throws ServletException, IOException {

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        String a=request.getParameter("fname");
        String b=request.getParameter("lname");
        String c=request.getParameter("dob");
        String d=request.getParameter("gender");
        String e=request.getParameter("email");
        String f=request.getParameter("phone");
        String g=request.getParameter("user_type");
        String h=request.getParameter("city");
        String i=request.getParameter("district");
        String j=request.getParameter("state");

```

```

String k=request.getParameter("pincode");
String l=request.getParameter("address");
try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
    stmt=conn.createStatement();
    String display2 = "Update Con_registration set fname = '" + a + "',
lname='" + b + "', dob='" + c + "', gender='" + d + "', email='" + e + "', phone='"
+ f + "', city='" + h + "',district='" + i + "', state='" + j + "', pincode='" + k + "',
address='" + l + "' Where phone = '" + f + "';";
    String display1 = "Update Pro_registration set fname = '" + a + "', lname='"
+ b + "', dob='" + c + "', gender='" + d + "', email='" + e + "', phone='" + f +
"', city='" + h + "',district='" + i + "', state='" + j + "', pincode='" + k + "',
address='" + l + "' Where phone = '" + f + "';";
    if(g=="Consumer") {
        stmt.executeUpdate(display2);
    }
    else {
        stmt.executeUpdate(display1);
    }

    response.sendRedirect("http://localhost:8080/Login_form/Update_Successfu
ll.html");
} catch(Exception e1) {
    out.println(e1);
}

```

```

}
out.close();
}}
Update_successfully.html:
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Update Successfully</title>
  <link
                        rel="shortcut
                        icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
@charset "ISO-8859-1";
#background{
  height:100vh;
  background:#7b7b7b;
  background-repeat: no-repeat;
  padding-bottom: 100px;
  padding-top: 100px;
  padding-left: 420px;
  padding-right: 100px;

}

```

```
body{  
    margin: 0%;  
}
```

```
.div0{  
    width: 700px;  
    height: 700px;  
    border-radius: 10px;  
    background-color: rgb(255, 255, 255, 1) ;  
  
}
```

```
.div1{  
    height:85px;  
    width:595px;  
    position: relative;  
    left: 50px;  
    top:90px;  
}
```

```
.div2{  
    height:85px;  
    width:595px;  
    position: relative;  
    left: 50px;  
    top:130px;  
}
```

```
.div3{  
    height:85px;
```

```
width:595px;
position: relative;
left: 50px;
top:170px;
}
```

```
.div4{
height:85px;
width:595px;
position: relative;
left: 50px;
top:210px;
}
```

```
.div5{
position:relative;
left:500px;
top:220px;
height: 65px;
width:160px;
}
```

```
.div6{
position:relative;
left:480px;
top:270px;
height: 65px;
width:160px;
}
```

```
.column {
```

```
float:left;
width: 50%;
height: 84px;
}
.label1{
    position: relative;
    left:50px;
    top:50px;
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 30px;
}

.label2{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
}

.textpane{
    background-color: #F9f6f9;
    height:30px;
    width:230px;
    border-style: inset;
    border-radius: 5px;
}

.textarea{
    background-color: #F9f6f9;
```



```
height:80px;
width:577px;
border-style:inset;
border-width:3px;
border-radius: 5px;
}
.container {
  position: relative;
  padding-left: 35px;
  margin-bottom: 12px;
  cursor: pointer;
  font-size: 22px;
  -webkit-user-select: none;
  -moz-user-select: none;
  -ms-user-select: none;
  user-select: none;
}
.container input {
  position: relative;
  opacity: 0;
  cursor: pointer;
}
.checkmark {
  position: absolute;
  top: 0;
  left: 0;
  height: 25px;
```

```
width: 25px;
background-color: #eee;
border-radius: 50%;
}
.container:hover input ~ .checkmark {
background-color: #ccc;
}
.container input:checked ~ .checkmark {
background-color: #2196F3;
}
.checkmark:after {
content: "";
position: absolute;
display: none;
}
.container input:checked ~ .checkmark:after {
display: block;
}
.container .checkmark:after {
top: 9px;
left: 9px;
width: 8px;
height: 8px;
border-radius: 50%;
background: white;
}
```

```
.button {  
    display: inline-block;  
    border-radius: 4px;  
    background: black;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;  
    font-size: 28px;  
    padding: 10px;  
    width: 150px;  
    transition: all 0.5s;  
    cursor: pointer;  
    margin: 5px;  
}  
  
.button span {  
    cursor: pointer;  
    display: inline-block;  
    position: relative;  
    transition: 0.5s;  
}  
  
.button span:after {  
    content: '\00bb';  
    position: absolute;  
    opacity: 0;  
    top: 0;  
    right: -20px;  
    transition: 0.5s;
```

```

    }
    .button:hover span {
        padding-right: 25px;

    }
    .button:hover span:after {
        opacity: 1;
        right: 0;

    }
</style>
<body>
<form                action="http://localhost:8080/Login_form/index1.html"
method="post">
<!--Background-->
<div id="background">
<!--Container-->
<div style="width: 750px; height: 400px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:50px; top:100px;">

```

```
<label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; position:relative; left:140px; " >Update
Successfully!</label>
```

```
</div>
```

```
<div style="position: relative; left:550px; top:120px; height: 65px;
width:160px;">
```

```
<button class="button" type="submit" ><span>Login </span></button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

7.1 Transaction.

7.1.1 Providers In SPMS.

Plumbing_services.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
```

```
<% @ page import="java.util.ArrayList"%>
```

```
<% @ page import="java.io.*"%>
```

```
<% @ page import="java.sql.*"%>
```

```
<% @ page import="java.sql.Connection"%>
```

```
<% @ page import="java.sql.DriverManager"%>
```

```
<% @ page import="java.sql.PreparedStatement"%>
```

```
<% @ page import="java.sql.ResultSet"%>
```

```
<% @ page import="java.sql.Statement"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Plumbers</title>
```

```
<link                                rel="shortcut"                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
```

```
<link    rel="stylesheet"    href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
```

```
</head>
```

```
<style>
```

```
@charset "ISO-8859-1";
```

```
#background{
```

```
    background:#7b7b7b;
```

```
    background-repeat: no-repeat;
```

```
    padding-bottom: 120px;
```

```
    padding-top: 100px;
```

```
    padding-left: 335px;
```

```
    height:100%;
```

```
}
```

```
body{
```

```
    margin: 0%;
```

```
}  
.div{  
    position: relative;  
    width: 800px;  
    height:10px;  
    padding-left: 40px;  
    padding-top: 30px;  
    padding-bottom: 20px;  
    background-color: rgb(255, 255, 255) ;  
}  
.div0{  
    position: relative;  
    width: 800px;  
    height: 800px;  
    max-height: fit-content;  
    overflow-x: hidden;  
    overflow-y:scroll;  
    padding-left: 40px;  
    padding-top: 30px;  
    padding-bottom: 20px;  
    background-color: rgb(255, 255, 255) ;  
    border-radius:10px;  
}  
.div1{  
    border-style:inset;  
    border-radius: 5px;  
    height:110px;
```

```
max-height: 200px;  
width:750px;  
position:relative;  
margin-bottom: 10px;  
transition: all 0.5s;  
cursor: pointer;  
}
```

```
.div2{  
height:fit-content;  
width:430px;  
position:relative;  
left:110px;  
bottom:102px;
```

```
}
```

```
.div3{  
position:relative;  
left:600px;  
bottom:188px;  
height:50px;  
width:138px;  
}
```

```
.checked {  
color: orange;  
}
```

```
.Profile_img{  
height:94px;
```



```
width:auto;
position:relative;
left:7px;
top:7px;
}
.label1{
  position: relative;
  bottom:30px;
  font-family: "Lucida Console", Times, serif;
  font-weight: bold;
  font-size: 40px;
}
.button {
  display: inline-block;
  border-radius: 4px;
  background:black;
  border: none;
  color: #FFFFFF;
  text-align: center;
  font-size: 20px;
  padding: 10px;
  width: 130px;
  transition: all 0.5s;
  cursor: pointer;
  margin: 5px;
}
.button:hover{
```

padding: 12px;

}

</style>

<body>

<%

Connection conn;

PreparedStatement stat;

Statement stmt;

ResultSet rs;

String PhoneNo, UserType, Services;

ArrayList<String> a = new ArrayList<String>();

ArrayList<String> l = new ArrayList<String>();

ArrayList<String> p = new ArrayList<String>();

ArrayList<String> u = new ArrayList<String>();

ArrayList<String> c = new ArrayList<String>();

ArrayList<String> d = new ArrayList<String>();

ArrayList<String> s = new ArrayList<String>();

ArrayList<String> pc = new ArrayList<String>();

ArrayList<String> ad = new ArrayList<String>();

%>

<%

PhoneNo=request.getParameter("phone");

Services=request.getParameter("services");

%>

```

<%
try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

    stmt = conn.createStatement();

    String display = "SELECT * FROM Pro_registration where services = " +
Services + " ";

    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String fname = rs.getString("fname");
        a.add(fname);

        String lname = rs.getString("lname");
        l.add(lname);

        String phone = rs.getString("phone");
        p.add(phone);

        String user_type = rs.getString("user_type");
        u.add(user_type);

        String city = rs.getString("city");
        c.add(city);

        String district = rs.getString("district");
        d.add(district);

        String state = rs.getString("state");
        s.add(state);

        String pincode = rs.getString("pincode");
        pc.add(pincode);
    }
}

```

```
String address = rs.getString("address");  
ad.add(address);
```

```
request.setAttribute("lname", lname);  
request.setAttribute("phone", phone);  
request.setAttribute("user_type", user_type);  
request.setAttribute("city", city);  
request.setAttribute("district", district);  
request.setAttribute("state", state);  
request.setAttribute("pincode", pincode);  
request.setAttribute("address", address);
```

```
//request.getRequestDispatcher("/Plumbing_Services.jsp").forward(request,  
response);
```

```
}
```

```
} catch (Exception e) {
```

```
    out.print(e);
```

```
}%>
```

```
<!--Background-->
```

```
<div id="background">
```

```
<!--Container-->
```

```
<div class="div">
```

```
    <h1 class="label1">Plumbers</h1>
```

```
</div>
```

```
<div class="div0">
```

```
<% for(int i=0;i<a.size();i++) {%>
```

```
<div class="div1">
```

```
    
```

```
<div class="div2">
```

```
<table>
```

```
<tr>
```

```
    <td style=" font-size: 25px; font-weight: bold;">
```

```
    <% out.println(a.get(i));%>
```

```
</td>
```

```
<td style="font-size: 25px; font-weight: bold;">
```

```
<% out.println(l.get(i));%>
```

```
</td>
```

```
<td>
```

```
    <label style="font-size: 16px; font-weight: bold; color: blue;">Rating:
```

```
</label>
```

```
    <span class="fa fa-star checked"></span>
```

```
    <span class="fa fa-star checked"></span>
```

```
    <span class="fa fa-star checked"></span>
```

```
    <span class="fa fa-star"></span>
```

```
    <span class="fa fa-star"></span>
```

```
</td>
```

```
</tr>
```

```

</table>
</div>
<div class="div2">
<table>
<tr>
<td style=" font-size: 20px; font-weight: bold; color: blue;">
Contact: <% out.println(p.get(i));%>
</td>
</tr>
</table>
</div>
<div class="div2">
<table>
<tr>
<td style=" font-size: 20px;">
<% out.println(ad.get(i));%>, <% out.println(c.get(i));%>, <%
out.println(pc.get(i));%>,
</td>
</tr>
</table>
</div>
<div class="div2">
<table>
<tr>
<td style=" font-size: 20px;">
<% out.println(d.get(i));%>,
</td>

```

```

        <td style="font-size: 20px;">
        <% out.println(s.get(i));%>.
    </td>
</tr>
</table>
</div>
<div class="div3">
    <a href="http://localhost:8080/Login_form/servlet/Plumbers?phone=<%=
p.get(i)%>&C_PhoneNo=<%=PhoneNo%>"><button class="button">View
Profile</button></a>
</div>
</div>

<% }%>
</div>

</div>
</body>
</html>

```

Plumbers.java:

```

import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;

```

```

import javax.servlet.ServletException;
import javax.servlet.http.*;

@SuppressWarnings("serial")
public class Plumbers extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stat;
    private static Statement stmt;
    private static ResultSet rs;
    private static String PhoneNo, UserType;

    public void doGet(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        PhoneNo=request.getParameter("phone");
        String C_PhoneNo=request.getParameter("C_PhoneNo");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
            stmt = conn.createStatement();
            String display = "SELECT * FROM Pro_registration where phone =
" + PhoneNo + " ";

```



```
rs = stmt.executeQuery(display);
while (rs.next()) {
    String fname = rs.getString("fname");
    String lname = rs.getString("lname");
    String gender = rs.getString("gender");
    String email = rs.getString("email");
    String phone = rs.getString("phone");
    String city = rs.getString("city");
    String district = rs.getString("district");
    String state = rs.getString("state");
    String pincode = rs.getString("pincode");
    String address = rs.getString("address");
    String services= rs.getString("services");
    String qualification= rs.getString("qualification");
    String work= rs.getString("work");
    String charge1= rs.getString("charge1");
    String charge2= rs.getString("charge2");
    String charge3= rs.getString("charge3");
    String charge4= rs.getString("charge4");
    String charge5= rs.getString("charge5");
    String charge6= rs.getString("charge6");

    request.setAttribute("fname", fname);
    request.setAttribute("lname", lname);
    request.setAttribute("gender", gender);
    request.setAttribute("email", email);
    request.setAttribute("phone", phone);
```

```
request.setAttribute("city", city);
request.setAttribute("district", district);
request.setAttribute("state", state);
request.setAttribute("pincode", pincode);
request.setAttribute("address", address);
request.setAttribute("services", services);
request.setAttribute("qualification", qualification);
request.setAttribute("work", work);
request.setAttribute("charge1", charge1);
request.setAttribute("charge2", charge2);
request.setAttribute("charge3", charge3);
request.setAttribute("charge4", charge4);
request.setAttribute("charge5", charge5);
request.setAttribute("charge6", charge6);
request.setAttribute("C_PhoneNo", C_PhoneNo);
```

```
request.getRequestDispatcher("/Plumber_Profile.jsp").forward(request,
response);
    }
    } catch (Exception e) {
        out.print(e);
    }
    out.close();
}

}
```

5.4.1 Profile view

Plumber_profile.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Plumber's Profile</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link rel="shortcut icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<style>
#background{
    height:100vh;
    background: #7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 280px;
    padding-top: 80px;
    padding-left: 80px;
    padding-right: 100px;
```

```
}  
body{  
    margin: 0%;  
    background: #7b7b7b;  
}
```

```
.div0{  
    position: relative;  
    bottom:20px;  
    width: 920px;  
    height: 460px;  
    border-radius: 10px;  
    background-color: rgb(255, 255, 255, 1) ;  
}
```

```
.div0_1{  
    position: relative;  
    left:960px;  
    bottom:480px;  
    width: 390px;  
    height: 220px;  
    border-radius: 10px;  
    background-color: rgb(255, 255, 255, 1) ;  
    margin-bottom: 20px;  
}
```

```
.div0_2{  
    position: relative;
```

```
left:960px;
bottom:485px;
width: 390px;
height: 220px;
border-radius: 10px;
background-color: rgb(255, 255, 255, 1) ;
}
.div0_3{
position:relative;
bottom:450px;
width: 920px;
height: 460px;
border-radius: 10px;
background-color: rgb(255, 255, 255, 1) ;
}
.div0_4{
position:relative;
left:960px;
bottom:910px;
width: 390px;
height: 460px;
border-radius: 10px;
background-color: rgb(255, 255, 255, 1) ;
}
.div1{
border-style:groove;
border-radius: 10px;
```

```
border-color: #2196F3;
position: relative;
left: 60px;
top: 63px;
height: 140px;
width: 140px;
border-style: dashed;
}
.div2{
position: relative;
left: 250px;
bottom: 80px;
height: 300px;
width: 600px;
}
.div00{
position: relative;
left: 600px;
bottom: 526px;
width: 465px;
height: 765px;
border-radius: 10px;
background-color: rgb(255, 255, 255, 1) ;
}
.div000{
height: auto;
width: 150px;
```

```
}  
.div0000{  
  height:auto;  
  width:400px;  
  margin-bottom:20px;  
}
```

```
.div01{  
  position: relative;  
  left:50px;  
  top:50px;  
  height:30px;  
  width:360px;  
}
```

```
.div02{  
  position: relative;  
  margin-top: 15px;  
  left:450px;  
  top:3px;  
  height:50px;  
  width:360px;  
}
```

```
.div03{  
  position: relative;  
  margin-top: 15px;  
  left:50px;  
  top:42px;  
  height:50px;
```

```
width:360px;
}


```
.div04{
 position: relative;
 margin-top: 15px;
 left:450px;
 bottom:28px;
 height:70px;
 width:360px;
}
```



```
.div05{
 position: relative;
 margin-top: 15px;
 left:50px;
 bottom:6px;
 height:70px;
 width:360px;
}
```



```
.div06{
 position: relative;
 margin-top: 15px;
 left:450px;
 bottom:90px;
 height:50px;
 width:360px;
}
```



```
.div07{
```


```



```
position: relative;
margin-top: 15px;
left:50px;
top:90px;
height:70px;
width:360px;
}
```

```
.div08{
position: relative;
margin-top: 15px;
left:50px;
top:90px;
height:40px;
width:360px;
}
```

```
.div09{
position:relative;
left:255px;
top:100px;
height: 65px;
width:160px;
}
```

```
.feedback{
position:relative;
left:40px;
top:40px;
height:350px;
```

```
width:310px;
border-style:inset;
overflow-y: scroll;
overflow-x: hidden;
}
.feedback1{
min-height:70px;
max-height: fit-content;
width:275px;
border-radius: 5px;
background-color: #7b7b7b;
padding:2px;
margin:4px;
}
```

```
.label1{
position: relative;
left:55px;
top:40px;
font-family: "Lucida Console", Times, serif;
font-weight: bold;
color:#7b7b7b;
font-size: 30px;
}
```

```
.label2{
position: relative;
left:40px;
```

```
top:22px;
font-family: "Lucida Console", Times, serif;
font-weight: bold;
color:#7b7b7b;
font-size: 30px;
}
.label3{
position: relative;
left:30px;
top:32px;
font-family: "Lucida Console", Times, serif;
font-weight: bold;
color:#7b7b7b;
font-size: 30px;
}
.label4{
position: relative;
left:20px;
top:20px;
font-family: "Lucida Console", Times, serif;
font-weight: bold;
color:black;
font-size: 30px;
}
.textpane{
position:relative;
left:40px;
```

```
    top:12px;
    background-color: #F9f6f9;
    height:30px;
    width:230px;
    border-style: inset;
    border-radius: 5px;
}
.textpanel{
    position: relative;
    left:175px;
    bottom:25px;
    background-color: #F9f6f9;
    height:20px;
    width:180px;
    border-radius: 5px;
    font-size:20px;
    text-align: left;
}
.textarea{
    background-color: #F9f6f9;
    position:relative;
    left:40px;
    top:40px;
    height:105px;
    width:300px;
    border-style:inset;
    border-width:3px;
```

```
border-radius: 5px;
resize: none;
font-size: 20px;
padding-left: 4px;
}
.textarea_2{
background-color: #F9f6f9;
position: relative;
left: 40px;
top: 40px;
height: 80px;
width: 300px;
border-style: inset;
border-width: 3px;
border-radius: 5px;
resize: none;
}
.button {
position: relative;
left: 130px;
top: 20px;
border-radius: 4px;
background: black;
border: none;
color: #FFFFFF;
text-align: center;
font-size: 28px;
```

```
padding: 10px;
width: 220px;
transition: all 0.5s;
cursor: pointer;
margin-top: 30px;
}
.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
.button:hover{
  padding: 12px;

}
</style>
<body>
<!--Background-->
```

```
<div id="background">
```

```
<!--Container-->
```

```
<div class="div0">
```

```
<label class="label1">Personal Information</label>
```

```
<div class="div1">
```

```

```

```
</div>
```

```
<div class="div2">
```

```
<label style="position: relative; left:20px; top:20px; font-family: Lucida Console, Times, serif; font-weight: bold; color:black; font-size: 30px;">Name</label>
```

```
<input style="position:relative; left:95px; top:12px; background-color: #F9f6f9; height:30px; width:230px; border-style: inset; border-radius: 5px; font-size: 20px;" type="text" value="{fname} {lname}" readonly/><br>
```

```
<label style="position: relative; left:20px; top:38px; font-family: Lucida Console, Times, serif; font-weight: bold; color:black; font-size: 30px;">Gender</label>
```

```
<input style="position:relative; left:58px; top:30px; background-color: #F9f6f9; height:30px; width:230px; border-style: inset; border-radius: 5px; font-size: 20px;" type="text" value="{gender}" readonly/><br>
```

```
<label style="position: relative; left:20px; top:58px; font-family: Lucida Console, Times, serif; font-weight: bold; color:black; font-size: 30px;">Contact</label>
```

```
<input style="position:relative; left:40px; top:52px; background-color:
#F9f6f9; height:30px; width:230px; border-style: inset; border-radius: 5px;
font-size: 20px;" type="text" value="{phone}" readonly/><br>
```

```
<label style="position: relative; left:20px; top:78px; font-family: Lucida
Console, Times, serif; font-weight: bold; color:black; font-size:
30px;">Service</label>
```

```
<input style="position:relative; left:40px; top:72px; background-color:
#F9f6f9; height:30px; width:230px; border-style: inset; border-radius: 5px;
font-size: 20px;" type="text" value="{services}" readonly/><br>
```

```
<label style="position: relative; left:20px; top:62px; font-family: Lucida
Console, Times, serif; font-weight: bold; color:black; font-size:
30px;">Address</label>
```

```
<textarea style="position:relative; left:40px; top:100px; background-color:
#F9f6f9; min-height:58px; width:330px; border-style: inset; border-radius:
5px; resize: none; font-size: 20px; padding-left:6px;" type="text"
value="9370712617" readonly>{address}, {city}, {district}, {state},
{pincode}</textarea><br>
```

```
</div>
```

```
</div>
```

```
<div class="div0_1">
```

```
<label class="label2">Work In Detail</label>
```

```
<textarea class="textarea" readonly>{work}</textarea>
```

```
</div>
```



```

<div class="div0_2">
    <textarea class="textarea_2" placeholder="Any Message..."></textarea>
    <%String CPhoneNo=request.getParameter("C_PhoneNo");
String PhoneNo=request.getParameter("phone");
int ID_g = (int)(Math.random()*(11111-99999+1)+11111);
String string=Integer.toString(ID_g);
String Service_id="Trans"+string;
%>
    <a
href="http://localhost:8080/Login_form/servlet/Sending_req?C_PhoneNo=<
%=CPhoneNo                                %>&P_phone=<%=PhoneNo
%>&Service_id=<%=Service_id %>">
        <button class="button">Send Request</button>
    </a>
</div>

```

```

<div class="div0_3">
    <label class="label1">Charges in(.Rs)</label>
    <div class="div01">
        <div class="div000">
            <label class="label4">Visit Only</label>
        </div>
        <input      class="textpane1"      name="charge1"      type="number"
value="\${charge1}" readonly/>
    </div>
    <div class="div02">
        <div class="div000">

```

```

<label class="label4">Minimum Work</label>
</div>
<input      class="textpane1"      name="charge2"      type="number"
value="\${ charge2}" readonly/>
</div>
<div class="div03">
  <div class="div000">
    <label class="label4">Amount 1/hr</label>
    </div>
    <input      class="textpane1"      name="charge3"      type="number"
value="\${ charge3}" readonly/>
    </div>
    <div class="div04">
      <div class="div0000">
        <label class="label4">Non-working hours or holidays</label>
        </div>
        &MediumSpace;
        <input      class="textpane1"      name="charge4"      type="number"
value="\${ charge4}" readonly/>
        </div>
        <div class="div05">
          <div class="div0000">
            <label class="label4">Distance more than 5km</label>
            </div>
            <input      class="textpane1"      name="charge5"      type="number"
value="\${ charge5}" readonly/>
            </div>

```

```
<div class="div06">
  <div class="div0000">
    <label class="label4">If Extra Labor is Needed</label>
  </div>
  <input      class="textpanel1"      name="charge6"      type="number"
value="\${ charge6}" readonly/>
</div>
</div>
```

```
<div class="div0_4">
  <label class="label3">Feedbacks</label>
  <div class="feedback">
    <div class="feedback1">
      <table>
        <tr>
          <td style="font-weight: bold;">
            Raju Shrivastav
          </td>
        </tr>
        <tr>
          <td>
            <label  style="font-size: 16px; font-weight: bold; color:
black;">Rating: </label>
            <span class="fa fa-star"></span>
            <span class="fa fa-star"></span>
            <span class="fa fa-star"></span>
            <span class="fa fa-star"></span>
          </td>
        </tr>
      </table>
    </div>
  </div>
</div>
```

```

        <span class="fa fa-star"></span>
    </td>
</tr>
<tr>
    <td>
        It is very good and affordable Plumber.
    </td>
</tr>
</table>
</div>
<div class="feedback1">
    <table>
        <tr>
            <td style="font-weight: bold;">
                Ram Sharma
            </td>
        </tr>
        <tr>
            <td>
                <label style="font-size: 16px; font-weight: bold; color:
black;">Rating: </label>
                <span class="fa fa-star"></span>
                <span class="fa fa-star"></span>
                <span class="fa fa-star"></span>
                <span class="fa fa-star"></span>
                <span class="fa fa-star"></span>
            </td>

```

```

        </tr>
        <tr>
            <td>
                Good Plumber and service rate is cheaper than other plumber in my
                area.
            </td>
        </tr>
    </table>
</div>

</div>
</div>

</div>
</body>
</html>

```

5.5 Requests.

Sending_Req.java:

```

import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

```

```
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Sending_req extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stmt ;
    private static Statement stat ;
    private static ResultSet rs;
    private static String C_PhoneNo;
    private static String P_phone;
    private static String fname;
    private static String lname;
    private static String city;
    private static String district;
    private static String state;
    private static String address;
    private static String P_fname;
    private static String P_lname;
    private static String P_city;
    private static String P_district;
    private static String P_state;
    private static String P_address;
    private static String services;
    private static String Service_id;
```

```
/**
```

```

        *
        */

        private static final long serialVersionUID = 1L;

        public void doGet(HttpServletRequest request, HttpServletResponse
        response)

            throws ServletException, IOException {
        C_PhoneNo=request.getParameter("C_PhoneNo");
        P_phone=request.getParameter("P_phone");
        Service_id=request.getParameter("Service_id");
        PrintWriter out = response.getWriter();
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");

            conn                                =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
        "root");

            stat = conn.createStatement();

            String display = "SELECT * FROM Con_registration where phone = " +
        C_PhoneNo + " ";

            rs = stat.executeQuery(display);

            while (rs.next()) {

                fname = rs.getString("fname");
                lname = rs.getString("lname");
                city = rs.getString("city");
                district = rs.getString("district");
                state = rs.getString("state");
                address = rs.getString("address");

            }

```

```

    } catch (Exception e) {
        out.print(e);
    }
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        conn =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
        "root");
        stat = conn.createStatement();
        String display2 = "SELECT * FROM Pro_registration where phone = " +
        P_phone + " ";
        rs = stat.executeQuery(display2);
        while (rs.next()) {
            P_fname = rs.getString("fname");
            P_lname = rs.getString("lname");
            P_city = rs.getString("city");
            P_district = rs.getString("district");
            P_state = rs.getString("state");
            P_address = rs.getString("address");
            services = rs.getString("services");
        }
    } catch (Exception e) {
        out.print(e);
    }
    try {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");

```



```

        conn
        DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
        "root");

        stmt = conn.prepareStatement("INSERT INTO Requests
        Values(?,?,?,?,?,?,?,?,?,?,?,NOW(),NOW(),?,?)",
        ResultSet.TYPE_SCROLL_SENSITIVE,
        ResultSet.CONCUR_UPDATABLE);

        stmt.setString(1, C_PhoneNo);
        stmt.setString(2, fname);
        stmt.setString(3, lname);
        stmt.setString(4, city);
        stmt.setString(5, district);
        stmt.setString(6, state);
        stmt.setString(7, address);
        stmt.setString(8, P_phone);
        stmt.setString(9, P_fname);
        stmt.setString(10, P_lname);
        stmt.setString(11, P_city);
        stmt.setString(12, P_district);
        stmt.setString(13, P_state);
        stmt.setString(14, P_address);
        stmt.setString(15, services);
        stmt.setString(16, Service_id);
        stmt.executeUpdate();

        response.sendRedirect("http://localhost:8080/Login_form/Request_Se
        nd.jsp?phone=" + C_PhoneNo);

```

```

    }
    catch(SQLException e1){
        if(e1.getErrorCode() == 1062 ){

            response.sendRedirect("http://localhost:8080/Sample2/Primarykey_Error.jsp");
        }
    }
}

catch(Exception e1) {
    out.println(e1);
}

}
}

```

Request_send.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Update Successfully</title>
    <link
                                rel="shortcut
                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS8OU5mmTrh8Rr">
</head>

```

```
<style>
@charset "ISO-8859-1";
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 420px;
    padding-right: 100px;

}
body{
    margin: 0%;
}

.div0{
    width: 700px;
    height: 700px;
    border-radius: 10px;
    background-color: rgb(255, 255, 255, 1) ;

}
.div1{
    height:85px;
    width:595px;
    position: relative;
```

```
    left: 50px;
    top:90px;
}
.div2{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
    top:130px;
}
.div3{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
    top:170px;
}
.div4{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
    top:210px;
}
.div5{
    position:relative;
    left:500px;
```

```
top:220px;
height: 65px;
width:160px;
}
.div6{
position:relative;
left:480px;
top:270px;
height: 65px;
width:160px;
}
.column {
float:left;
width: 50%;
height: 84px;
}
.label1{
position: relative;
left:50px;
top:50px;
font-family: "Lucida Console", Times, serif;
font-weight: bold;
font-size: 30px;
}

.label2{
font-family: "Lucida Console", Times, serif;
```

```
    font-weight: bold;
    font-size: 25px;
}

.textpane{
    background-color: #F9f6f9;
    height:30px;
    width:230px;
    border-style: inset;
    border-radius: 5px;
}

.textarea{
    background-color: #F9f6f9;
    height:80px;
    width:577px;
    border-style:inset;
    border-width:3px;
    border-radius: 5px;
}

.container {
    position: relative;
    padding-left: 35px;
    margin-bottom: 12px;
    cursor: pointer;
    font-size: 22px;
    -webkit-user-select: none;
    -moz-user-select: none;
    -ms-user-select: none;
```

```
    user-select: none;
}
.container input {
    position: relative;
    opacity: 0;
    cursor: pointer;
}
.checkmark {
    position: absolute;
    top: 0;
    left: 0;
    height: 25px;
    width: 25px;
    background-color: #eee;
    border-radius: 50%;
}
.container:hover input ~ .checkmark {
    background-color: #ccc;
}
.container input:checked ~ .checkmark {
    background-color: #2196F3;
}
.checkmark:after {
    content: "";
    position: absolute;
    display: none;
}
```

```
.container input:checked ~ .checkmark:after {  
    display: block;  
}
```

```
.container .checkmark:after {  
    top: 9px;  
    left: 9px;  
    width: 8px;  
    height: 8px;  
    border-radius: 50%;  
    background: white;  
}
```

```
.button {  
    display: inline-block;  
    border-radius: 4px;  
    background: black;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;  
    font-size: 28px;  
    padding: 10px;  
    width: 150px;  
    transition: all 0.5s;  
    cursor: pointer;  
    margin: 5px;  
}
```

```
.button span {
```



```
    cursor: pointer;
    display: inline-block;
    position: relative;
    transition: 0.5s;
}
.button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
.button:hover span {
    padding-right: 25px;
}
.button:hover span:after {
    opacity: 1;
    right: 0;
}
</style>
<body>
<form          action="http://localhost:8080/Login_form/index1.html"
method="post">
<!--Background-->
```

```
<div id="background">
```

```
<!--Container-->
```

```
<div style="width: 750px; height: 400px; border-radius: 10px; background-color: rgb(255, 255, 255, 1) ;">
```

```

```

```
<div style="position: relative; left:50px; top:100px;">
```

```
<label style="font-family: 'Lucida Console', Times, serif; font-weight: bold; font-size: 30px; position:relative; left:140px; " >Request send Successfully!</label>
```

```
</div>
```

```
<div style="position: relative; left:550px; top:120px; height: 65px; width:160px;">
```

```
<button class="button" type="submit" ><span>Login </span></button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

</html>

Request_send.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <title>Update Successfully</title>
```

```
    <link                                rel="shortcut                                icon"
```

```
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS  
8OU5mmTrh8Rr">
```

```
</head>
```

```
<style>
```

```
#background{
```

```
    height:100vh;
```

```
    background:#7b7b7b;
```

```
    background-repeat: no-repeat;
```

```
    padding-bottom: 100px;
```

```
    padding-top: 100px;
```

```
    padding-left: 420px;
```

```
    padding-right: 100px;
```

```
}
```

```
body{  
    margin: 0%;  
}
```

```
.div0{  
    width: 700px;  
    height: 700px;  
    border-radius: 10px;  
    background-color: rgb(255, 255, 255, 1) ;  
  
}
```

```
.div1{  
    height:85px;  
    width:595px;  
    position: relative;  
    left: 50px;  
    top:90px;  
}
```

```
.div2{  
    height:85px;  
    width:595px;  
    position: relative;  
    left: 50px;  
    top:130px;  
}
```

```
.div3{  
    height:85px;
```

```
width:595px;  
position: relative;  
left: 50px;  
top:170px;  
}
```

```
.div4{  
height:85px;  
width:595px;  
position: relative;  
left: 50px;  
top:210px;  
}
```

```
.div5{  
position:relative;  
left:500px;  
top:220px;  
height: 65px;  
width:160px;  
}
```

```
.div6{  
position:relative;  
left:480px;  
top:270px;  
height: 65px;  
width:160px;  
}
```

```
.column {
```

```
float:left;
width: 50%;
height: 84px;
}
.label1{
    position: relative;
    left:50px;
    top:50px;
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 30px;
}

.label2{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
}

.textpane{
    background-color: #F9f6f9;
    height:30px;
    width:230px;
    border-style: inset;
    border-radius: 5px;
}

.textarea{
    background-color: #F9f6f9;
```

```
height:80px;
width:577px;
border-style:inset;
border-width:3px;
border-radius: 5px;
}
.container {
  position: relative;
  padding-left: 35px;
  margin-bottom: 12px;
  cursor: pointer;
  font-size: 22px;
  -webkit-user-select: none;
  -moz-user-select: none;
  -ms-user-select: none;
  user-select: none;
}
.container input {
  position: relative;
  opacity: 0;
  cursor: pointer;
}
.checkmark {
  position: absolute;
  top: 0;
  left: 0;
  height: 25px;
```

```
width: 25px;
background-color: #eee;
border-radius: 50%;
}
.container:hover input ~ .checkmark {
background-color: #ccc;
}
.container input:checked ~ .checkmark {
background-color: #2196F3;
}
.checkmark:after {
content: "";
position: absolute;
display: none;
}
.container input:checked ~ .checkmark:after {
display: block;
}
.container .checkmark:after {
top: 9px;
left: 9px;
width: 8px;
height: 8px;
border-radius: 50%;
background: white;
}
```



```
.button {  
    display: inline-block;  
    border-radius: 4px;  
    background: black;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;  
    font-size: 28px;  
    padding: 10px;  
    width: 150px;  
    transition: all 0.5s;  
    cursor: pointer;  
    margin: 5px;  
}  
  
.button span {  
    cursor: pointer;  
    display: inline-block;  
    position: relative;  
    transition: 0.5s;  
}  
  
.button span:after {  
    content: '\00bb';  
    position: absolute;  
    opacity: 0;  
    top: 0;  
    right: -20px;  
    transition: 0.5s;
```

```

    }
    .button:hover span {
        padding-right: 25px;

    }
    .button:hover span:after {
        opacity: 1;
        right: 0;

    }
</style>
<body>
<%String phone=request.getParameter("phone"); %>
<!--Background-->
<div id="background">
<!--Container-->
<div style="width: 750px; height: 475px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:75px; top:80px; width:650px; font-size:
30px; text-align: left; font-family: Lucida Console, Times, serif;">
<label                style="font-weight:                bold;">Request                send
Successfully!</label>Plumber is Arriving as Early as Possible.

```

```

```

```
<br>Check Status
```

```
<label style="margin-left:50px;">at Home.</label>
```

```
</div>
```

```
<div style="position: relative; left:530px; top:120px; height: 65px;
width:160px;">
```

```
<a href="http://localhost:8080/Login_form/homepage.jsp?phone=<%=
phone %>&user_type=Consumer">
```

```
    <button class="button" type="submit" ><span>Check it</span></button>
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Request_pending.java:

```
import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
```

```
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Req_pending extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stmt ;
    private static Statement stat ;
    private static ResultSet rs;
    private static String C_PhoneNo;
    private static String P_phone;
    private static String C_fname;
    private static String C_lname;
    private static String C_city;
    private static String C_district;
    private static String C_state;
    private static String C_address;
    private static String P_fname;
    private static String P_lname;
    private static String P_city;
    private static String P_district;
    private static String P_state;
    private static String P_address;
    private static String services;
    private static String Service_id;
    /**
```

```

        *
        */

        private static final long serialVersionUID = 1L;

        public void doGet(HttpServletRequest request, HttpServletResponse
        response)

            throws ServletException, IOException {

        Service_id=request.getParameter("Service_id");

        PrintWriter out = response.getWriter();

        try {

            Class.forName("com.mysql.cj.jdbc.Driver");

            conn =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
            "root");

            stat = conn.createStatement();

            String display = "SELECT * FROM Req_accepted where Service_id = '" +
            Service_id + "'";

            rs = stat.executeQuery(display);

            while (rs.next()) {

                C_PhoneNo= rs.getString("C_phone");

                C_fname = rs.getString("C_fname");

                C_lname = rs.getString("C_lname");

                C_city = rs.getString("C_city");

                C_district = rs.getString("C_district");

                C_state = rs.getString("C_state");

                C_address = rs.getString("C_address");

                P_phone= rs.getString("P_phone");

```

```

P_fname = rs.getString("P_fname");
P_lname = rs.getString("P_lname");
P_city = rs.getString("P_city");
P_district = rs.getString("P_district");
P_state = rs.getString("P_state");
P_address = rs.getString("P_address");
services = rs.getString("services");
}

stmt      =      conn.prepareStatement("INSERT      INTO      Requests
Values(?,?,?,?,?,?,?,?,?,?,?,?,?,NOW(),NOW(),?,?)",
ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);

    stmt.setString(1, C_PhoneNo);
    stmt.setString(2, C_fname);
    stmt.setString(3, C_lname);
    stmt.setString(4, C_city);
    stmt.setString(5, C_district);
    stmt.setString(6, C_state);
    stmt.setString(7, C_address);
    stmt.setString(8, P_phone);
    stmt.setString(9, P_fname);
    stmt.setString(10, P_lname);
    stmt.setString(11, P_city);
    stmt.setString(12, P_district);
    stmt.setString(13, P_state);
    stmt.setString(14, P_address);
    stmt.setString(15, services);

```

```

        stmt.setString(16, Service_id);
        stmt.executeUpdate();
        response.sendRedirect("http://localhost:8080/Login_form/Pro_homepage.jsp?phone= '"+ P_phone +"'");
    } catch (Exception e) {
        out.print(e);
    }

}

}

```

Request_accept.java:

```

import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Req_accepted extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stmt ;
    private static Statement stat ;
    private static ResultSet rs;

```

```

private static String C_PhoneNo;
private static String P_phone;
private static String C_fname;
private static String C_lname;
private static String C_city;
private static String C_district;
private static String C_state;
private static String C_address;
private static String P_fname;
private static String P_lname;
private static String P_city;
private static String P_district;
private static String P_state;
private static String P_address;
private static String services;
private static String Service_id;

/**
 *
 */
private static final long serialVersionUID = 1L;

public void doGet(HttpServletRequest request, HttpServletResponse
response)
throws ServletException, IOException {
Service_id=request.getParameter("Service_id");

PrintWriter out = response.getWriter();
try {

```



```

Class.forName("com.mysql.cj.jdbc.Driver");

conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

stat = conn.createStatement();

String display = "SELECT * FROM Requests where Service_id = " +
Service_id + "; ";

rs = stat.executeQuery(display);
while (rs.next()) {
    C_PhoneNo= rs.getString("C_phone");
    C_fname = rs.getString("C_fname");
    C_lname = rs.getString("C_lname");
    C_city = rs.getString("C_city");
    C_district = rs.getString("C_district");
    C_state = rs.getString("C_state");
    C_address = rs.getString("C_address");
    P_phone= rs.getString("P_phone");
    P_fname = rs.getString("P_fname");
    P_lname = rs.getString("P_lname");
    P_city = rs.getString("P_city");
    P_district = rs.getString("P_district");
    P_state = rs.getString("P_state");
    P_address = rs.getString("P_address");
    services = rs.getString("services");
}
} catch (Exception e) {
    out.print(e);

```

```

}
try {
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

        stmt = conn.prepareStatement("INSERT INTO Req_accepted
Values(?,?,?,?,?,?,?,?,?,?,?,?,?,NOW(),NOW(),?,?)",
ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);

        stmt.setString(1, C_PhoneNo);
        stmt.setString(2, C_fname);
        stmt.setString(3, C_lname);
        stmt.setString(4, C_city);
        stmt.setString(5, C_district);
        stmt.setString(6, C_state);
        stmt.setString(7, C_address);
        stmt.setString(8, P_phone);
        stmt.setString(9, P_fname);
        stmt.setString(10, P_lname);
        stmt.setString(11, P_city);
        stmt.setString(12, P_district);
        stmt.setString(13, P_state);
        stmt.setString(14, P_address);
        stmt.setString(15, services);
        stmt.setString(16, Service_id);

```

```

        stmt.executeUpdate();

        response.sendRedirect("http://localhost:8080/Login_form/Pro_homepage.jsp?phone= '"+ P_phone +"'");
    }
    catch(SQLException e1){
        if(e1.getErrorCode() == 1062 ){

            response.sendRedirect("http://localhost:8080/Sample2/Primarykey_Error.jsp");
        }
    }
}

catch(Exception e1) {
    out.println(e1);
}

try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root", "root");

    stat = conn.createStatement();

    String display = "Delete FROM Requests where Service_id = '" + Service_id + "'; ";

    stat.executeUpdate(display);
} catch (Exception e) {

```

```
        out.print(e);
    }

}

}
```

Request_decline.java:

```
import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Req_decline extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stmt ;
    private static Statement stat ;
    private static ResultSet rs;
    private static String C_PhoneNo;
    private static String P_phone;
    private static String C_fname;
    private static String C_lname;
    private static String C_city;
```

```

        private static String C_district;
        private static String C_state;
        private static String C_address;
        private static String P_fname;
        private static String P_lname;
        private static String P_city;
        private static String P_district;
        private static String P_state;
        private static String P_address;
        private static String services;
        private static String Service_id;

/**
 *
 */

        private static final long serialVersionUID = 1L;

public void doGet(HttpServletRequest request, HttpServletResponse
response)

        throws ServletException, IOException {
Service_id=request.getParameter("Service_id");

PrintWriter out = response.getWriter();
try {
        Class.forName("com.mysql.cj.jdbc.Driver");

        conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

        stat = conn.createStatement();

```

```

String display = "SELECT * FROM Requests where Service_id = " +
Service_id + "; ";
rs = stat.executeQuery(display);
while (rs.next()) {
    C_PhoneNo= rs.getString("C_phone");
    C_fname = rs.getString("C_fname");
    C_lname = rs.getString("C_lname");
    C_city = rs.getString("C_city");
    C_district = rs.getString("C_district");
    C_state = rs.getString("C_state");
    C_address = rs.getString("C_address");
    P_phone= rs.getString("P_phone");
    P_fname = rs.getString("P_fname");
    P_lname = rs.getString("P_lname");
    P_city = rs.getString("P_city");
    P_district = rs.getString("P_district");
    P_state = rs.getString("P_state");
    P_address = rs.getString("P_address");
    services = rs.getString("services");
}
} catch (Exception e) {
    out.print(e);
}
try {
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");

```

```

conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

stmt = conn.prepareStatement("INSERT INTO Req_decline
Values(?,?,?,?,?,?,?,?,?,?,?,?,?,NOW(),NOW(),?,?)",
ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.CONCUR_UPDATABLE);

stmt.setString(1, C_PhoneNo);
stmt.setString(2, C_fname);
stmt.setString(3, C_lname);
stmt.setString(4, C_city);
stmt.setString(5, C_district);
stmt.setString(6, C_state);
stmt.setString(7, C_address);
stmt.setString(8, P_phone);
stmt.setString(9, P_fname);
stmt.setString(10, P_lname);
stmt.setString(11, P_city);
stmt.setString(12, P_district);
stmt.setString(13, P_state);
stmt.setString(14, P_address);
stmt.setString(15, services);
stmt.setString(16, Service_id);
stmt.executeUpdate();

response.sendRedirect("http://localhost:8080/Login_form/Pro_homep
age.jsp?phone= '"+ P_phone +"'");

```

```

    }
    catch(SQLException e1){
        if(e1.getErrorCode() == 1062 ){

            response.sendRedirect("http://localhost:8080/Sample2/Primarykey_Error.jsp");
        }
    }
}

catch(Exception e1) {
    out.println(e1);
}

try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root", "root");

    stat = conn.createStatement();

    String display = "Delete FROM Requests where Service_id = " + Service_id + "; ";
    stat.executeUpdate(display);

    String display2 = "Delete FROM Req_accepted where Service_id = " + Service_id + "; ";
    stat.executeUpdate(display2);
} catch (Exception e) {
    out.print(e);
}

```



```
}
```

```
}
```

```
}
```

Service_completed.java:

```
import java.io.*;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.sql.Statement;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.*;
```

```
public class Service_completed extends HttpServlet {
```

```
    private static Connection conn;
```

```
    private static PreparedStatement stmt ;
```

```
    private static Statement stat ;
```

```
    private static ResultSet rs;
```

```
    private static String C_PhoneNo;
```

```
    private static String P_phone;
```

```
    private static String C_fname;
```

```
    private static String C_lname;
```

```
    private static String C_city;
```

```

        private static String C_district;
        private static String C_state;
        private static String C_address;
        private static String P_fname;
        private static String P_lname;
        private static String P_city;
        private static String P_district;
        private static String P_state;
        private static String P_address;
        private static String services;
        private static String Service_id;

/**
 *
 */

        private static final long serialVersionUID = 1L;

public void doGet(HttpServletRequest request, HttpServletResponse
response)

        throws ServletException, IOException {
Service_id=request.getParameter("Service_id");

PrintWriter out = response.getWriter();
try {
        Class.forName("com.mysql.cj.jdbc.Driver");

        conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

        stat = conn.createStatement();

```

```

String display = "SELECT * FROM Req_accepted where Service_id = '" +
Service_id + "'; ";

rs = stat.executeQuery(display);
while (rs.next()) {
    C_PhoneNo= rs.getString("C_phone");
    C_fname = rs.getString("C_fname");
    C_lname = rs.getString("C_lname");
    C_city = rs.getString("C_city");
    C_district = rs.getString("C_district");
    C_state = rs.getString("C_state");
    C_address = rs.getString("C_address");
    P_phone= rs.getString("P_phone");
    P_fname = rs.getString("P_fname");
    P_lname = rs.getString("P_lname");
    P_city = rs.getString("P_city");
    P_district = rs.getString("P_district");
    P_state = rs.getString("P_state");
    P_address = rs.getString("P_address");
    services = rs.getString("services");
}
} catch (Exception e) {
    out.print(e);
}
try {
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");

```

```

        conn
        DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
        "root");

        stmt = conn.prepareStatement("INSERT INTO Req_completed
        Values(?,?,?,?,?,?,?,?,?,?,?,NOW(),NOW(),?,?)",
        ResultSet.TYPE_SCROLL_SENSITIVE,
        ResultSet.CONCUR_UPDATABLE);

        stmt.setString(1, C_PhoneNo);
        stmt.setString(2, C_fname);
        stmt.setString(3, C_lname);
        stmt.setString(4, C_city);
        stmt.setString(5, C_district);
        stmt.setString(6, C_state);
        stmt.setString(7, C_address);
        stmt.setString(8, P_phone);
        stmt.setString(9, P_fname);
        stmt.setString(10, P_lname);
        stmt.setString(11, P_city);
        stmt.setString(12, P_district);
        stmt.setString(13, P_state);
        stmt.setString(14, P_address);
        stmt.setString(15, services);
        stmt.setString(16, Service_id);
        stmt.executeUpdate();

        response.sendRedirect("http://localhost:8080/Login_form/Bill.jsp?Ser
        vice_id= '"+ Service_id +"'");

```

```

    }
    catch(SQLException e1){
        if(e1.getErrorCode() == 1062 ){

            response.sendRedirect("http://localhost:8080/Sample2/Primarykey_Error.jsp");
        }
    }
}

catch(Exception e1) {
    out.println(e1);
}

try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
    DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
    "root");

    stat = conn.createStatement();

    String display = "Delete FROM Req_accepted where Service_id = " +
    Service_id + "; ";

    stat.executeUpdate(display);
} catch (Exception e) {
    out.print(e);
}
}
}
}

```

7.2 Admin.

Admin_login.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"% >
<!DOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Login</title>
    <link
                                rel="shortcut
                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
    @charset "ISO-8859-1";
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 50px;
    padding-top: 100px;
    padding-left: 540px;
    padding-right: 100px;

}
body{
    margin: 0%;
```

```
    overflow: hidden;  
}
```

```
.div0{  
    width: 465px;  
    height: 520px;  
    border-radius: 10px;  
    background-color: rgb(255, 255, 255, 1) ;  
  
}
```

```
.div1{  
    height:95px;  
    width:360px;  
    position: relative;  
    left: 50px;  
    top:90px;  
}
```

```
.div2{  
    height:95px;  
    width:360px;  
    position: relative;  
    left: 50px;  
    top:120px;  
}
```

```
.div3{  
    height:95px;  
    width:410px;
```

```
position: relative;
left: 50px;
top:160px;
}

```



```
    font-size: 30px;
}

.label2{
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
}

.textpane{
    background-color: #F9f6f9;
    height:50px;
    width:350px;
    border-style: inset;
    border-radius: 5px;
}

.textarea{
    background-color: #F9f6f9;
    height:80px;
    width:577px;
    border-style:inset;
    border-width:3px;
    border-radius: 5px;
}

.container {
    font-family: "Lucida Console", Times, serif;
    font-weight: bold;
    font-size: 25px;
```

```
position: relative;
padding-left: 35px;
margin-bottom: 12px;
cursor: pointer;
font-size: 22px;
-webkit-user-select: none;
-moz-user-select: none;
-ms-user-select: none;
user-select: none;
}
.container input {
position: relative;
opacity: 0;
cursor: pointer;
}
.checkmark {
position: absolute;
top: 0;
left: 0;
height: 25px;
width: 25px;
background-color: #eee;
border-radius: 50%;
}
.container:hover input ~ .checkmark {
background-color: #ccc;
}
```

```
.container input:checked ~ .checkmark {  
    background-color: #2196F3;  
}  
.checkmark:after {  
    content: "";  
    position: absolute;  
    display: none;  
}  
.container input:checked ~ .checkmark:after {  
    display: block;  
}  
.container .checkmark:after {  
Admin    top: 9px;  
        left: 9px;  
        width: 8px;  
        height: 8px;  
        border-radius: 50%;  
        background: white;  
}
```

```
.button {  
    display: inline-block;  
    border-radius: 4px;  
    background: black;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;
```

```
font-size: 28px;
padding: 10px;
width: 150px;
transition: all 0.5s;
cursor: pointer;
margin: 5px;
}

.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}

.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}

.button:hover span {
  padding-right: 25px;
}

.button:hover span:after {
  opacity: 1;
```

```
right: 0;

}
</style>
<body>
<form action="http://localhost:8080/Login_form/servlet/Admin" method
="post">
<!--Background-->
<div id="background">
<!--Container-->
<div class="div0">

<label class="label1">Login</label>

<div class="div1">

<div class="column">
  <label class="label2">Username</label><br><br>
  <input class="textpane" type="text" name="phone" placeholder="Enter
Phone Number" required>
</div>
</div>

<div class="div2">

<div class="column">
  <label class="label2">Password</label><br><br>
```

```
<input      class="textpane"      type="password"      name="password"
placeholder="Enter Password" required>
```

```
</div>
```

```
</div>
```

```
<div class="div4">
```

```
<button      class="button"      type="submit"      style="vertical-
align:middle"><span>Login</span></button>
```

```
</div>
```

```
<a      href="http://localhost:8080/Login_form/index3.html"><h5>Forget
Password</h5></a>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

5.6 Admin

Admin.java

```
import java.io.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.*;

public class Admin extends HttpServlet {
    private static Connection conn;
    private static PreparedStatement stmt ;
    private static Statement stat;
    /**
     *
     */
    private static final long serialVersionUID = 1L;
    public void doPost(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {

response.setContentType("text/html");
PrintWriter out = response.getWriter();
```

```

String phone=request.getParameter("phone");
String password=request.getParameter("password");
    try {
        conn
        DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
        stat
        conn.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,
ResultSet.TYPE_SCROLL_SENSITIVE);
        String UserCheck="SELECT phone FROM Admins";
        String DbUserName="";
        ResultSet rst=stat.executeQuery(UserCheck);
        while(rst.next()){
            DbUserName=rst.getString("Phone");
            if (phone.equals(DbUserName)) {
                String PassCheck="SELECT password FROM Admins where
phone= '" + DbUserName + "';" ;
                String DbPassword="";
                rst=stat.executeQuery(PassCheck);
                while(rst.next()){
                    DbPassword=rst.getString("Password");
                    if (password.equals(DbPassword)) {
request.getRequestDispatcher("/Admin.jsp").forward(request, response);
                    }
                    else {

```



```

response.sendRedirect("http://localhost:8080/Login_form/index6.jsp");
        }
    }
}
else {
    request.getRequestDispatcher("/Soory.jsp").forward(request,
response);
}
}
}catch(Exception e1) {
    out.println(e1);
}
out.close();
}}

```

Admin_home.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Admin</title>

```

```
<link                                rel="shortcut"                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
```

```
</head>
```

```
<style>
```

```
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 40px;
    padding-top: 55px;
    padding-left: 200px;
    padding-right: 200px;
}
```

```
body{
    margin: 0%;
    overflow-x: hidden;
    overflow-y: hidden;
```

```
}
```

```
.container{
    position:relative;
    top:60px;
    height:560px;
    width:800px;
    border-bottom-left-radius: 15px;
```

```
background-color: white;
overflow-y: auto;
overflow-x: hidden;
}
.Head{
position: absolute;
width:1100px;
height:60px;
background-color:whitesmoke;
border-radius: 10px;
}
.sub{
position:absolute;
left:380px;
}
.div1{
position: absolute;
top:120px;
width:800px;
height:60px;
background-color: black;
border-radius: 10px;
}
.div2{
position: absolute;
top:200px;
width:395px;
```

```
height:60px;
background-color: black;
border-radius: 10px;
}
.div3{
position: absolute;
top:200px;
left:400px;
width:395px;
height:60px;
background-color: black;
border-radius: 10px;
}
.div4{
position: absolute;
top:280px;
width:800px;
height:60px;
background-color: black;
border-radius: 10px;
}
.div5{
position: absolute;
top:360px;
width:800px;
height:60px;
background-color: black;
```

```
border-radius: 10px;
}
button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
button:hover span {
  padding-right: 25px;
}
button:hover span:after {
  opacity: 1;
  right: 0;
}

</style>
<body>
```

```
<!--Background-->
<div id="background">
<!--Container-->
<div class="Head"><h2 style="color:black; text-align:center; position:
relative; bottom: 5px;">Administrator</h2></div>
<div class="sub">
<a href="http://localhost:8080/Login_form/SPMS_Users.jsp"><button
class="div1"><h2 style="color:white; text-align:center; position: relative;
bottom: 2px;"><span>SPMS Users Report</span></h2></button></a>
<a href="http://localhost:8080/Login_form/SPMS_Consumers.jsp"><button
class="div2"><h2 style="color:white; text-align:center; position: relative;
bottom: 2px;"><span>SPMS Customer Report</span></h2></button></a>
<a href="http://localhost:8080/Login_form/SPMS_Providers.jsp"><button
class="div3"><h2 style="color:white; text-align:center; position: relative;
bottom: 2px;"><span>SPMS Provider Report</span></h2></button></a>
<a href="http://localhost:8080/Login_form/SPMS_services.jsp"><button
class="div4"><h2 style="color:white; text-align:center; position: relative;
bottom: 2px;"><span>Services Report</span></h2></button></a>
<a href=""><button class="div5"><h2 style="color:white; text-align:center;
position: relative; bottom: 2px;"><span>Earning
Report</span></h2></button></a>
</div>
</div>
</div>
</body>
</html>
```

SPMS_Consumers.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ page import="java.util.ArrayList"%>
<% @ page import="java.io.*"%>
<% @ page import="java.sql.*"%>
<% @ page import="java.sql.Connection"%>
<% @ page import="java.sql.DriverManager"%>
<% @ page import="java.sql.PreparedStatement"%>
<% @ page import="java.sql.ResultSet"%>
<% @ page import="java.sql.Statement"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Admin</title>
    <link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
```

```
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 40px;
    padding-top: 55px;
    padding-left: 200px;
    padding-right: 200px;
}

body{
    margin: 0%;
    overflow-x: hidden;
    overflow-y: hidden;
}

.container{
    position:relative;
    top:60px;
    height:560px;
    width:800px;
    border-bottom-left-radius: 15px;
    background-color: white;
    overflow-y: auto;
    overflow-x: hidden;
}

.Head{
    position: absolute;
```



```
width:1115px;
height:60px;
background-color:black;
border-radius: 10px;
}
.sub{
position:absolute;
left:200px;
top:120px;
height:500px;
width:1100px;
background-color: white;
overflow:auto;
padding: 8px;
}
button span {
    cursor: pointer;
    display: inline-block;
    position: relative;
    transition: 0.5s;
}
button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
```

```

    transition: 0.5s;
}
button:hover span {
    padding-right: 25px;

}
button:hover span:after {
    opacity: 1;
    right: 0;
}
/* table */

table { font-size: 95%; table-layout: auto; width: 600px; }
table { border-collapse: separate; border-spacing: 2px; }
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left;
}
th, td { border-radius: 0.25em; border-style: solid; }
th { background: #EEE; border-color: #BBB; }
td { border-color: #DDD; }

table.inventory { clear: both; margin: 2px; width: 820px; }
table.inventory th { font-weight: bold; text-align: center; width: 10px; }

table.inventory td:nth-child(1) { width: 26%; }
table.inventory td:nth-child(2) { width: 38%; }
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
table.inventory td:nth-child(4) { text-align: right; width: 12%; }

```

```
table.inventory td:nth-child(5) { text-align: right; width: 12%; }
```

```
/* aside */
```

```
aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
```

```
aside h1 { border-color: #999; border-bottom-style: solid; }
```

```
</style>
```

```
<body>
```

```
<%
```

```
Connection conn;
```

```
PreparedStatement stat;
```

```
Statement stmt;
```

```
ResultSet rs;
```

```
ArrayList<String> a = new ArrayList<String>();
```

```
ArrayList<String> b = new ArrayList<String>();
```

```
ArrayList<String> c = new ArrayList<String>();
```

```
ArrayList<String> d = new ArrayList<String>();
```

```
ArrayList<String> e = new ArrayList<String>();
```

```
ArrayList<String> f = new ArrayList<String>();
```

```
ArrayList<String> g = new ArrayList<String>();
```

```
ArrayList<String> h = new ArrayList<String>();
```

```
ArrayList<String> n = new ArrayList<String>();
```

```
ArrayList<String> j = new ArrayList<String>();
```

```
ArrayList<String> k = new ArrayList<String>();
```

```
ArrayList<String> l = new ArrayList<String>();
```

```
ArrayList<String> m = new ArrayList<String>();
```

```
%>
```

```

<%
try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
    stmt = conn.createStatement();
    String display = "Select * from Con_registration;";
    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String fname = rs.getString("fname");
        a.add(fname);
        String lname = rs.getString("lname");
        b.add(lname);
        String dob = rs.getString("dob");
        c.add(dob);
        String gender = rs.getString("gender");
        d.add(gender);
        String email = rs.getString("email");
        e.add(email);
        String phone = rs.getString("phone");
        f.add(phone);
        String city = rs.getString("city");
        g.add(city);
        String district = rs.getString("district");
        h.add(district);
        String state = rs.getString("state");
    }
} catch (Exception e) {
    e.printStackTrace();
}
}

```

```

        n.add(state);
        String address = rs.getString("address");
        j.add(address);
        String pincode = rs.getString("pincode");
        k.add(pincode);
        String info = rs.getString("info");
        l.add(info);
        String user_type = rs.getString("user_type");
        m.add(user_type);
    }
} catch (Exception e1) {
    out.print(e1);
}%>
<!--Background-->
<div id="background">
<!--Container-->
<div class="Head"><h2 style="color:white; text-align:center; position:
relative; bottom: 5px;">SPMS Consumers</h2></div>
<div class="sub">
<table class="inventory">
<thead>
<tr>
<th><span>First Name</span></th>
<th><span>Last Name</span></th>
<th><span>Dob</span></th>
<th><span>Gender</span></th>
<th><span>Email</span></th>

```

```

        <th><span>Phone</span></th>
        <th><span>City</span></th>
        <th><span>District</span></th>
        <th><span>State</span></th>
        <th><span>Address</span></th>
        <th><span>Pincode</span></th>
        <th><span>Date & Time</span></th>
        <th><span>User Type</span></th>
    </tr>
</thead>
<tbody>
<% for(int i=0;i<f.size();i++) { %>
    <tr>
        <td><span><% out.println(a.get(i));%></span></td>
        <td><span><% out.println(b.get(i));%></span></td>
        <td><span><% out.println(c.get(i));%></span></td>
        <td><span><% out.println(d.get(i));%></span></td>
        <td><span><% out.println(e.get(i));%></span></td>
        <td><span><% out.println(f.get(i));%></span></td>
        <td><span><% out.println(g.get(i));%></span></td>
        <td><span><% out.println(h.get(i));%></span></td>
        <td><span><% out.println(n.get(i));%></span></td>
        <td><span><% out.println(j.get(i));%></span></td>
        <td><span><% out.println(k.get(i));%></span></td>
        <td><span><% out.println(l.get(i));%></span></td>
        <td><span><% out.println(m.get(i));%></span></td>
    </tr>

```

```
<% } %>
</tbody>
</table>
</div>
</div>
</div>
</body>
</html>
```

SPMS_providers.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ page import="java.util.ArrayList"%>
<% @ page import="java.io.*"%>
<% @ page import="java.sql.*"%>
<% @ page import="java.sql.Connection"%>
<% @ page import="java.sql.DriverManager"%>
<% @ page import="java.sql.PreparedStatement"%>
<% @ page import="java.sql.ResultSet"%>
<% @ page import="java.sql.Statement"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Admin</title>
```

```
<link                                rel="shortcut"                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
```

```
</head>
```

```
<style>
```

```
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 40px;
    padding-top: 55px;
    padding-left: 200px;
    padding-right: 200px;
}
```

```
body{
    margin: 0%;
    overflow-x: hidden;
    overflow-y: hidden;
```

```
}
```

```
.container{
    position:relative;
    top:60px;
    height:560px;
    width:800px;
    border-bottom-left-radius: 15px;
```



```
background-color: white;
overflow-y: auto;
overflow-x: hidden;
}
.Head{
position: absolute;
width:1115px;
height:60px;
background-color:black;
border-radius: 10px;
}
.sub{
position:absolute;
left:200px;
top:120px;
height:500px;
width:1100px;
background-color: white;
overflow:auto;
padding: 8px;
}
button span {
cursor: pointer;
display: inline-block;
position: relative;
transition: 0.5s;
}
```

```

button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
button:hover span {
    padding-right: 25px;
}
button:hover span:after {
    opacity: 1;
    right: 0;
}
/* table */

table { font-size: 95%; table-layout: auto; width: 600px; }
table { border-collapse: separate; border-spacing: 2px; }
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left;
}
th, td { border-radius: 0.25em; border-style: solid; }
th { background: #EEE; border-color: #BBB; }
td { border-color: #DDD; }

table.inventory { clear: both; margin: 2px; width: 820px; }

```

```
table.inventory th { font-weight: bold; text-align: center; width: 10px;}
```

```
table.inventory td:nth-child(1) { width: 26%; }
```

```
table.inventory td:nth-child(2) { width: 38%; }
```

```
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
```

```
table.inventory td:nth-child(4) { text-align: right; width: 12%; }
```

```
table.inventory td:nth-child(5) { text-align: right; width: 12%; }
```

```
/* aside */
```

```
aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
```

```
aside h1 { border-color: #999; border-bottom-style: solid; }
```

```
</style>
```

```
<body>
```

```
<%
```

```
Connection conn;
```

```
PreparedStatement stat;
```

```
Statement stmt;
```

```
ResultSet rs;
```

```
ArrayList<String> a = new ArrayList<String>();
```

```
ArrayList<String> b = new ArrayList<String>();
```

```
ArrayList<String> c = new ArrayList<String>();
```

```
ArrayList<String> d = new ArrayList<String>();
```

```
ArrayList<String> e = new ArrayList<String>();
```

```
ArrayList<String> f = new ArrayList<String>();
```

```
ArrayList<String> g = new ArrayList<String>();
```

```
ArrayList<String> h = new ArrayList<String>();
```

```

ArrayList<String> n = new ArrayList<String>();
ArrayList<String> j = new ArrayList<String>();
ArrayList<String> k = new ArrayList<String>();
ArrayList<String> l = new ArrayList<String>();
ArrayList<String> m = new ArrayList<String>();
%>
<%
try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

    stmt = conn.createStatement();
    String display = "Select * from Pro_registration; ";
    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String fname = rs.getString("fname");
        a.add(fname);
        String lname = rs.getString("lname");
        b.add(lname);
        String dob = rs.getString("dob");
        c.add(dob);
        String gender = rs.getString("gender");
        d.add(gender);
        String email = rs.getString("email");
        e.add(email);
        String phone = rs.getString("phone");

```

```

        f.add(phone);
        String city = rs.getString("city");
        g.add(city);
        String district = rs.getString("district");
        h.add(district);
        String state = rs.getString("state");
        n.add(state);
        String address = rs.getString("address");
        j.add(address);
        String pincode = rs.getString("pincode");
        k.add(pincode);
        String info = rs.getString("info");
        l.add(info);
        String user_type = rs.getString("user_type");
        m.add(user_type);
    }
} catch (Exception e1) {
    out.print(e1);
} %>
<!--Background-->
<div id="background">
<!--Container-->
<div class="Head"><h2 style="color:white; text-align:center; position:
relative; bottom: 5px;">SPMS Providers</h2></div>
<div class="sub">
<table class="inventory">
    <thead>

```

```

<tr>
    <th><span>First Name</span></th>
    <th><span>Last Name</span></th>
    <th><span>Dob</span></th>
    <th><span>Gender</span></th>
    <th><span>Email</span></th>
    <th><span>Phone</span></th>
    <th><span>City</span></th>
    <th><span>District</span></th>
    <th><span>State</span></th>
    <th><span>Address</span></th>
    <th><span>Pincode</span></th>
    <th><span>Date & Time</span></th>
    <th><span>User Type</span></th>
</tr>
</thead>
<tbody>
<% for(int i=0;i<f.size();i++) {%>
    <tr>
        <td><span><% out.println(a.get(i));%></span></td>
        <td><span><% out.println(b.get(i));%></span></td>
        <td><span><% out.println(c.get(i));%></span></td>
        <td><span><% out.println(d.get(i));%></span></td>
        <td><span><% out.println(e.get(i));%></span></td>
        <td><span><% out.println(f.get(i));%></span></td>
        <td><span><% out.println(g.get(i));%></span></td>
        <td><span><% out.println(h.get(i));%></span></td>

```

```

        <td><span><% out.println(n.get(i));%></span></td>
        <td><span><% out.println(j.get(i));%></span></td>
        <td><span><% out.println(k.get(i));%></span></td>
        <td><span><% out.println(l.get(i));%></span></td>
        <td><span><% out.println(m.get(i));%></span></td>
    </tr>
    <% } %>
</tbody>
</table>
</div>
</div>
</div>
</body>
</html>

```

SPMS_users.jsp:

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ page import="java.util.ArrayList"%>
<% @ page import="java.io.*"%>
<% @ page import="java.sql.*"%>
<% @ page import="java.sql.Connection"%>
<% @ page import="java.sql.DriverManager"%>
<% @ page import="java.sql.PreparedStatement"%>
<% @ page import="java.sql.ResultSet"%>
<% @ page import="java.sql.Statement"%>
<!DOCTYPE html>
<html lang="en">

```

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Admin</title>
  <link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
```

```
#background{
  height:100vh;
  background:#7b7b7b;
  background-repeat: no-repeat;
  padding-bottom: 40px;
  padding-top: 55px;
  padding-left: 200px;
  padding-right: 200px;
}
```

```
body{
  margin: 0%;
  overflow-x: hidden;
  overflow-y: hidden;

}
```

```
.container{
```



```
position:relative;
top:60px;
height:560px;
width:800px;
border-bottom-left-radius: 15px;
background-color: white;
overflow-y: auto;
overflow-x: hidden;
}
```

```
.Head{
position: absolute;
width:1115px;
height:60px;
background-color:black;
border-radius: 10px;
}
```

```
.sub{
position:absolute;
left:200px;
top:120px;
height:500px;
width:1100px;
background-color: white;
overflow:auto;
padding: 8px;
}
```

```
button span {
```

```

    cursor: pointer;
    display: inline-block;
    position: relative;
    transition: 0.5s;
}
button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
button:hover span {
    padding-right: 25px;
}
button:hover span:after {
    opacity: 1;
    right: 0;
}
/* table */

table { font-size: 95%; table-layout: auto; width: 600px; }
table { border-collapse: separate; border-spacing: 2px; }
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left;
}

```

```
th, td { border-radius: 0.25em; border-style: solid; }
```

```
th { background: #EEE; border-color: #BBB; }
```

```
td { border-color: #DDD; }
```

```
table.inventory { clear: both; margin: 2px; width: 820px; }
```

```
table.inventory th { font-weight: bold; text-align: center; width: 10px; }
```

```
table.inventory td:nth-child(1) { width: 26%; }
```

```
table.inventory td:nth-child(2) { width: 38%; }
```

```
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
```

```
table.inventory td:nth-child(4) { text-align: right; width: 12%; }
```

```
table.inventory td:nth-child(5) { text-align: right; width: 12%; }
```

```
/* aside */
```

```
aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
```

```
aside h1 { border-color: #999; border-bottom-style: solid; }
```

```
</style>
```

```
<body>
```

```
<%
```

```
Connection conn;
```

```
PreparedStatement stat;
```

```
Statement stmt;
```

```
ResultSet rs;
```

```
ArrayList<String> a = new ArrayList<String>();
```

```
ArrayList<String> b = new ArrayList<String>();
```

```
ArrayList<String> c = new ArrayList<String>();
```

```

ArrayList<String> d = new ArrayList<String>();
ArrayList<String> e = new ArrayList<String>();
ArrayList<String> f = new ArrayList<String>();
ArrayList<String> g = new ArrayList<String>();
ArrayList<String> h = new ArrayList<String>();
ArrayList<String> n = new ArrayList<String>();
ArrayList<String> j = new ArrayList<String>();
ArrayList<String> k = new ArrayList<String>();
ArrayList<String> l = new ArrayList<String>();
ArrayList<String> m = new ArrayList<String>();
%>
<%
try {
    Class.forName("com.mysql.cj.jdbc.Driver");

    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

    stmt = conn.createStatement();

    String display = "select
fname,lname,dob,gender,email,phone,city,state,district,address,pincode,info,
user_type from Con_registration union select
fname,lname,dob,gender,email,phone,city,state,district,address,pincode,info,
user_type from Pro_registration; ";

    rs = stmt.executeQuery(display);
    while (rs.next()) {
        String fname = rs.getString("fname");
        a.add(fname);
    }
}
}

```

```
String lname = rs.getString("lname");
b.add(lname);
String dob = rs.getString("dob");
c.add(dob);
String gender = rs.getString("gender");
d.add(gender);
String email = rs.getString("email");
e.add(email);
String phone = rs.getString("phone");
f.add(phone);
String city = rs.getString("city");
g.add(city);
String district = rs.getString("district");
h.add(district);
String state = rs.getString("state");
n.add(state);
String address = rs.getString("address");
j.add(address);
String pincode = rs.getString("pincode");
k.add(pincode);
String info = rs.getString("info");
l.add(info);
String user_type = rs.getString("user_type");
m.add(user_type);
}
} catch (Exception e1) {
    out.print(e1);
```

```

}%>
<!--Background-->
<div id="background">
<!--Container-->
<div class="Head"><h2 style="color:white; text-align:center; position:
relative; bottom: 5px;">SPMS Users</h2></div>
<div class="sub">
<table class="inventory">
  <thead>
    <tr>
      <th><span>First Name</span></th>
      <th><span>Last Name</span></th>
      <th><span>Dob</span></th>
      <th><span>Gender</span></th>
      <th><span>Email</span></th>
      <th><span>Phone</span></th>
      <th><span>City</span></th>
      <th><span>District</span></th>
      <th><span>State</span></th>
      <th><span>Address</span></th>
      <th><span>Pincode</span></th>
      <th><span>Date & Time</span></th>
      <th><span>User Type</span></th>
    </tr>
  </thead>
  <tbody>
    <% for(int i=0;i<f.size();i++) {%>

```

```

<tr>
  <td><span><% out.println(a.get(i));%></span></td>
  <td><span><% out.println(b.get(i));%></span></td>
  <td><span><% out.println(c.get(i));%></span></td>
  <td><span><% out.println(d.get(i));%></span></td>
  <td><span><% out.println(e.get(i));%></span></td>
  <td><span><% out.println(f.get(i));%></span></td>
  <td><span><% out.println(g.get(i));%></span></td>
  <td><span><% out.println(h.get(i));%></span></td>
  <td><span><% out.println(n.get(i));%></span></td>
  <td><span><% out.println(j.get(i));%></span></td>
  <td><span><% out.println(k.get(i));%></span></td>
  <td><span><% out.println(l.get(i));%></span></td>
  <td><span><% out.println(m.get(i));%></span></td>
</tr>
<% } %>
</tbody>
</table>
</div>
</div>
</div>
</body>
</html>

```

SPMS_Services:

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ page import="java.util.ArrayList"%>

```

```
<% @ page import="java.io.*"%>
<% @ page import="java.sql.*"%>
<% @ page import="java.sql.Connection"%>
<% @ page import="java.sql.DriverManager"%>
<% @ page import="java.sql.PreparedStatement"%>
<% @ page import="java.sql.ResultSet"%>
<% @ page import="java.sql.Statement"%>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Admin</title>
  <link                                rel="shortcut"                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>

#background{
  height:100vh;
  background:#7b7b7b;
  background-repeat: no-repeat;
  padding-bottom: 40px;
  padding-top: 55px;
  padding-left: 200px;
```



```
padding-right: 200px;
}
body{
margin: 0%;
overflow-x: hidden;
overflow-y: hidden;

}
.container{
position:relative;
top:60px;
height:560px;
width:800px;
border-bottom-left-radius: 15px;
background-color: white;
overflow-y: auto;
overflow-x: hidden;
}
.Head{
position: absolute;
width:1115px;
height:60px;
background-color:black;
border-radius: 10px;
}
.sub{
position:absolute;
```

```
left:200px;
top:120px;
height:500px;
width:1100px;
background-color: white;
overflow:auto;
padding: 8px;
}
button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
button:hover span {
  padding-right: 25px;
}
button:hover span:after {
```

```

    opacity: 1;
    right: 0;
}
/* table */

table { font-size: 95%; table-layout: auto; width: 600px; }
table { border-collapse: separate; border-spacing: 2px; }
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left;
}
th, td { border-radius: 0.25em; border-style: solid; }
th { background: #EEE; border-color: #BBB; }
td { border-color: #DDD; }

table.inventory { clear: both; margin: 2px; width: 820px; }
table.inventory th { font-weight: bold; text-align: center; width: 10px; }

table.inventory td:nth-child(1) { width: 26%; }
table.inventory td:nth-child(2) { width: 38%; }
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
table.inventory td:nth-child(4) { text-align: right; width: 12%; }
table.inventory td:nth-child(5) { text-align: right; width: 12%; }

/* aside */

aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
aside h1 { border-color: #999; border-bottom-style: solid; }
</style>

```

```
<body>
<%
Connection conn;
PreparedStatement stat;
Statement stmt;
ResultSet rs;
ArrayList<String> a = new ArrayList<String>();
ArrayList<String> b = new ArrayList<String>();
ArrayList<String> c = new ArrayList<String>();
ArrayList<String> d = new ArrayList<String>();
ArrayList<String> e = new ArrayList<String>();
ArrayList<String> f = new ArrayList<String>();
ArrayList<String> g = new ArrayList<String>();
ArrayList<String> h = new ArrayList<String>();
ArrayList<String> n = new ArrayList<String>();
ArrayList<String> j = new ArrayList<String>();
ArrayList<String> k = new ArrayList<String>();
ArrayList<String> l = new ArrayList<String>();
ArrayList<String> m = new ArrayList<String>();
ArrayList<String> o = new ArrayList<String>();
ArrayList<String> p = new ArrayList<String>();
ArrayList<String> q = new ArrayList<String>();
ArrayList<String> r = new ArrayList<String>();
ArrayList<String> s = new ArrayList<String>();
%>
<%
try {
```

```

Class.forName("com.mysql.cj.jdbc.Driver");

conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");

stmt = conn.createStatement();

String display = "select * from Req_completed";

rs = stmt.executeQuery(display);

while (rs.next()) {

    String C_phone = rs.getString("C_phone");
    a.add(C_phone);

    String C_fname = rs.getString("C_fname");
    b.add(C_fname);

    String C_lname = rs.getString("C_lname");
    c.add(C_lname);

    String C_city = rs.getString("C_city");
    d.add(C_city);

    String C_district = rs.getString("C_district");
    e.add(C_district);

    String C_state = rs.getString("C_state");
    f.add(C_state);

    String C_address = rs.getString("C_address");
    g.add(C_address);

    String P_phone = rs.getString("P_phone");
    h.add(P_phone);

    String P_fname = rs.getString("P_fname");
    n.add(P_fname);

    String P_lname = rs.getString("P_lname");

```

```

        j.add(P_lname);
        String P_city = rs.getString("P_city");
        k.add(P_city);
        String P_district = rs.getString("P_district");
        l.add(P_district);
        String P_state = rs.getString("P_state");
        m.add(P_state);
        String P_address = rs.getString("P_address");
        o.add(P_address);
        String days = rs.getString("days");
        p.add(days);
        String times = rs.getString("times");
        q.add(times);
        String services = rs.getString("services");
        r.add(services);
        String Service_id = rs.getString("Service_id");
        s.add(Service_id);
    }
} catch (Exception e1) {
    out.print(e1);
} %>
<!--Background-->
<div id="background">
<!--Container-->
<div class="Head"><h2 style="color:white; text-align:center; position:
relative; bottom: 5px;">Accomplished Services in SPMS</h2></div>
<div class="sub">

```

```

<table class="inventory">
  <thead>
    <tr>
      <th><span>Consumer Phone</span></th>
      <th><span>Con. First Name</span></th>
      <th><span>Con. Last Name</span></th>
      <th><span>Con. City</span></th>
      <th><span>Con. District</span></th>
      <th><span>Con. state</span></th>
      <th><span>Con. Address</span></th>
      <th><span>Provider Phone</span></th>
      <th><span>Pro. First Name</span></th>
      <th><span>Pro. Last Name</span></th>
      <th><span>Pro. City</span></th>
      <th><span>Pro. District</span></th>
      <th><span>Pro. State</span></th>
      <th><span>Pro. Address</span></th>
      <th><span>Date</span></th>
      <th><span>Time</span></th>
      <th><span>Service</span></th>
      <th><span>Transaction Id</span></th>
    </tr>
  </thead>
  <tbody>
    <% for(int i=0;i<f.size();i++) { %>
      <tr>
        <td><span><% out.println(a.get(i));%></span></td>

```

```
<td><span><% out.println(b.get(i));%></span></td>
<td><span><% out.println(c.get(i));%></span></td>
<td><span><% out.println(d.get(i));%></span></td>
<td><span><% out.println(e.get(i));%></span></td>
<td><span><% out.println(f.get(i));%></span></td>
<td><span><% out.println(g.get(i));%></span></td>
<td><span><% out.println(h.get(i));%></span></td>
<td><span><% out.println(n.get(i));%></span></td>
<td><span><% out.println(j.get(i));%></span></td>
<td><span><% out.println(k.get(i));%></span></td>
<td><span><% out.println(l.get(i));%></span></td>
<td><span><% out.println(m.get(i));%></span></td>
<td><span><% out.println(o.get(i));%></span></td>
<td><span><% out.println(p.get(i));%></span></td>
<td><span><% out.println(q.get(i));%></span></td>
<td><span><% out.println(r.get(i));%></span></td>
<td><span><% out.println(s.get(i));%></span></td>
</tr>
<% } %>
</tbody>
</table>
</div>
</div>
</div>
</body>
</html>
```


5.7 Invoice

Invoice.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<% @ page import="java.io.*"%>
<% @ page import="java.sql.*"%>
<% @ page import="java.sql.Connection"%>
<% @ page import="java.sql.DriverManager"%>
<% @ page import="java.sql.PreparedStatement"%>
<% @ page import="java.sql.ResultSet"%>
<% @ page import="java.sql.Statement"%>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <title>INVOICE</title>
    <script src="html2pdf.bundle.min.js"></script>

    <script>
        function generatePDF() {
            // Choose the element that our invoice is rendered in.
            const element = document.getElementById("invoice");
            // Choose the element and save the PDF for our user.
            html2pdf()
                .from(element)
                .save();
```

```
    }
  </script>
</head>
<style>
  body{
    background:#7b7b7b;
    padding-bottom: 150px;
  }
  .invoice-box {
    font-family: 'Helvetica Neue', 'Helvetica', Helvetica, Arial, sans-
serif;

    background-color: white;
    height:930px;
    width:900px;
    position:relative;
    left:300px;
    top:50px;
  }
  .title{
    font-family: 'Helvetica Neue', 'Helvetica', Helvetica, Arial, sans-
serif;

    font-size: 45px;
    font-weight: bold;
    line-height: 45px;
    color: black;
    position:relative;
    left:40px;
```

```
        top:45px;

    }
    .title2{
        font-family: 'Helvetica Neue', 'Helvetica', Helvetica, Arial, sans-
serif;

        font-size: 35px;
        font-weight: lighter;
        color:blue;
        line-height: 45px;
        position:relative;
        left:570px;
        top:40px;

    }
    label{
        font-family: Tahoma, 'Helvetica Neue', 'Helvetica', Helvetica,
Arial, sans-serif;
        color:black;
        line-height: 30px;
    }
    .l1{
        position:relative;
        left:440px;
        top:80px;
    }
    .l2{
```

```

        position:relative;
        left:640px;
        top:90px;
    }
    .btns
    {
        background: transparent;
        width: 100px;
        height: 40px;
    }
    .btn{
        font-family: 'Helvetica Neue', 'Helvetica', Helvetica, Arial, sans-
serif;
        background-color: white;
        height:90px;
        width:855px;
        position:relative;
        left:300px;
        top:50px;
        padding-left: 45px;
    }

```

```

/* table */

```

```

table { font-size: 95%; table-layout: fixed; width: 300px; }
table { border-collapse: separate; border-spacing: 2px; }

```

```
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left;
}
th, td { border-radius: 0.25em; border-style: solid; }
th { background: #EEE; border-color: #BBB; }
td { border-color: #DDD; }
```

```
/* table meta & balance */
```

```
table.meta, table.balance { float: right; width: 36%; }
table.meta:after, table.balance:after { clear: both; content: ""; display: table; }
```

```
/* table meta */
```

```
table.meta th { width: 40%; }
table.meta td { width: 60%; }
```

```
/* table items */
```

```
table.inventory { clear: both; margin-left: 40px; width: 820px; }
table.inventory th { font-weight: bold; text-align: center; }
```

```
table.inventory td:nth-child(1) { width: 26%; }
table.inventory td:nth-child(2) { width: 38%; }
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
table.inventory td:nth-child(4) { text-align: right; width: 12%; }
table.inventory td:nth-child(5) { text-align: right; width: 12%; }
```

```

/* table balance */
.balance{
    position:absolute;
    left:450px;
}
table.balance th, table.balance td { width: 50%; }
table.balance td { text-align: left;}

/* aside */

aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
aside h1 { border-color: #999; border-bottom-style: solid; }
</style>
<body>
    <%
String Service_id = request.getParameter("Service_id");
%>
<%!
String fname;
String lname;
String phone;
String city;
String district;
String state;
String address;
String services;
String P_fname;

```

```

String P_lname;
String P_phone;
String Date;
%>
<%
Connection conn;
PreparedStatement stat;
Statement stmt;
ResultSet rs;
%>
<%
try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/SPMS", "root",
"root");
    stmt = conn.createStatement();
    String display = "SELECT * FROM Req_completed where Service_id ="
+ Service_id + ""'; ";
    rs = stmt.executeQuery(display);
    while (rs.next()) {
        fname = rs.getString("C_fname");
        lname = rs.getString("C_lname");
        phone = rs.getString("C_phone");
        city = rs.getString("C_city");
        district = rs.getString("C_district");
        state = rs.getString("C_state");

```

```

        address = rs.getString("C_address");
        services = rs.getString("services");
        P_fname = rs.getString("P_fname");
        P_lname = rs.getString("P_lname");
        P_phone = rs.getString("P_phone");
        Date = rs.getString("Days");
    }
} catch (Exception e) {
    out.print(e);
}
%>
<div class="invoice-box" id="invoice">
    <label class="title">SPMS</label>
    <label class="title2">INVOICE</label>
    <label class="l1">Date: <% out.print(Date);%></label>
    <br><label
        class="l2">Transaction
        Id:
<% out.print(Service_id);%></label>
    <br><br><br><br><br><br><br><br>
    <label style="font-weight:bold; color:white; background-color: blue;
padding:10px; position:relative; top:20px; left:35px;">CONSUMER</label>
    <label style="font-weight:bold; color:white; background-color: blue;
padding:10px; position:relative; top:20px; left:635px;">PROVIDER</label>
    <div style="width: 400px; margin-left:35px; position:relative;
top:40px;">
        <label>Name:
        <% out.print(fname);%>
<% out.print(lname);%></label>
        <br><label>Phone: <% out.print(phone);%></label>

```



```
<br><label>E-mail: sarthakgaribe60@gmail.com</label>
<br><label>Site Address: <%out.print(address);%></label>
<br><label      style="margin-left:100px;"><%out.print(city);%>,
<%out.print(district);%></label>
</div>
```

```
<div style="width: 400px; position:relative; left:460px; bottom:110px;
text-align: right;">
```

```
      <label>Name:                      <%out.print(P_fname);%>
<%out.print(P_lname);%></label>
      <br><label>Phone: <%out.print(P_phone);%></label>
      <br><label>Service: <%out.print(services);%></label>
</div>
```

```
<table class="inventory">
```

```
  <thead>
```

```
    <tr>
```

```
      <th><span contenteditable>Work Type</span></th>
```

```
      <th><span contenteditable>Price</span></th>
```

```
    </tr>
```

```
  </thead>
```

```
  <tbody>
```

```
    <tr>
```

```
      <td><span contenteditable>Visit</span></td>
```

```
      <td><span>150.00</span><span data-prefix>.Rs</span></td>
```

```
    </tr>
```

```
    <tr>
```

```
      <td><span contenteditable>Per Hours</span></td>
```

```

        <td><span>400.00</span><span data-prefix>.Rs</span></td>
    </tr>
    <tr>
        <td><span contenteditable>Non-Working Day</span></td>
        <td><span>00.00</span><span data-prefix>.Rs</span></td>
    </tr>
    <tr>
        <td><span contenteditable>Extra Labor</span></td>
        <td><span>00.00</span><span data-prefix>.Rs</span></td>
    </tr>
    <tr>
        <td><span contenteditable>Distance > 5km</span></td>
        <td><span>100.00</span><span data-prefix>.Rs</span></td>
    </tr>
    <tr>
        <td><span contenteditable>Additional Tool</span></td>
        <td><span>100.00</span><span data-prefix>.Rs</span></td>
    </tr>
</tbody>
</table>
<table class="balance">
    <tr>
        <th><span contenteditable>Sub Total</span></th>
        <td><span>750.00</span><span data-prefix>.Rs</span></td>
    </tr>
    <tr>
        <th><span contenteditable>Tax</span></th>

```

```
 <span contenteditable>8.25</span><span data- prefix>.Rs</span></td> </tr> <tr> <th><span contenteditable>Total</span></th> <td><span>758.25</span><span data-prefix>.Rs</span></td> </tr> </table> <label style="font-size: 20px; position:relative; left:300px; top:130px;">Thank You For Choosing SPMS!!</label> </div> <div class="btn"> <button class="btns" onclick="generatePDF()">Print</button> <a href="http://localhost:8080/Login_form/Pro_homepage.jsp?phone=<%=P_p hone %>&user_type=Provider"> <button class="btns">Home</button> </a> </div> </body> </html> |
```

5.8 Errors.

Already_login.jsp:

```

<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>

```

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Login</title>
  <link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
body{
  margin: 0%;
}
.background{
  height:100vh;
  background:#7b7b7b;
  background-repeat: no-repeat;
  padding-bottom: 100px;
  padding-top: 100px;
  padding-left: 360px;
  padding-right: 100px;

}
.button {
  display: inline-block;
  border-radius: 4px;
```

```
background:black;
border: none;
color: #FFFFFF;
text-align: center;
font-size: 28px;
padding: 10px;
width: 150px;
transition: all 0.5s;
cursor: pointer;
margin: 5px;
}
.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
.button:hover span {
  padding-right: 25px;
```

```

    }
    .button:hover span:after {
        opacity: 1;
        right: 0;

    }
</style>
<body>
<form                action="http://localhost:8080/Login_form/index1.html"
method="post">
<% String phone = request.getParameter("phone"); %>
<!--Background-->
<div class="background">
<!--Container-->
<div style="width: 800px; height: 440px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:50px; top:100px;">

    <label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >You Are Already Registered With Mobile
<%=phone %>! </label>

```

```
<label style="font-family: 'Lucida Console', Times, serif; font-weight: bold; font-size: 30px; " > Please Login. </label>
```

```
</div>
```

```
<div style="position: relative; left:50px; top:120px; height: 20px; width:170px;">
```

```
<a href="http://localhost:8080/Login_form/index3.html"><label style="font-family: 'Lucida Console', Times, serif; font-weight: bold; font-size: 18px; " >Forget Password</label></a>
```

```
</div>
```

```
<div style="position: relative; left:600px; top:100px; height: 65px; width:160px;">
```

```
<button class="button" type="submit" style="vertical-align:middle"><span>Login </span></button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Not_register.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Login</title>
    <link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
body{
    margin: 0%;
}
.background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 360px;
    padding-right: 100px;

}
.button {
```



```
display: inline-block;
border-radius: 4px;
background: black;
border: none;
color: #FFFFFF;
text-align: center;
font-size: 28px;
padding: 10px;
width: 150px;
transition: all 0.5s;
cursor: pointer;
margin: 5px;
}

.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}

.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
```

```

.button:hover span {
    padding-right: 25px;

}

.button:hover span:after {
    opacity: 1;
    right: 0;

}
</style>
<body>
<form action="http://localhost:8080/Sample2/index1.html" method="post">
<% String phone = request.getParameter("phone"); %>
<!--Background-->
<div class="background">
<!--Container-->
<div style="width: 800px; height: 440px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:50px; top:100px;">

```

```
<label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >You Are Not Registered with <%=phone %>!
</label>
```

```
<label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " > Please Register. </label>
```

```
</div>
```

```
<div style="position: relative; left:600px; top:100px; height: 65px;
width:160px;">
```

```
<button class="button" type="submit" style="vertical-
align:middle"><span>Register </span></button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Not_Admin:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Error</title>
<link                                rel="shortcut                                icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
</head>
<style>
body{
    margin: 0%;
    overflow:hidden;
}
.background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 330px;
    padding-right: 100px;

}
.button {
    display: inline-block;
    border-radius: 4px;
    background: black;
    border: none;
    color: #FFFFFF;
```

```
text-align: center;
font-size: 28px;
padding: 10px;
width: 150px;
transition: all 0.5s;
cursor: pointer;
margin: 5px;
}
.button span {
  cursor: pointer;
  display: inline-block;
  position: relative;
  transition: 0.5s;
}
.button span:after {
  content: '\00bb';
  position: absolute;
  opacity: 0;
  top: 0;
  right: -20px;
  transition: 0.5s;
}
.button:hover span {
  padding-right: 25px;
}
.button:hover span:after {
```

```
    opacity: 1;
    right: 0;

}
</style>
<body>
<form action="http://localhost:8080/Login_form/Home.jsp" method="post">
<!--Background-->
<div class="background">
<!--Container-->
<div style="width: 860px; height: 440px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:50px; top:100px;">

    <label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >You Are Not Registered as Administrator!! </label>
    <label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " > Please Contact With SPMS. </label>

</div>
```

```
<div style="position: relative; left:600px; top:100px; height: 65px; width:160px;">
```

```
    <button class="button" type="submit" style="vertical-align:middle"><span>Home </span></button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Wrong Password.html:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <title>Login</title>
```

```
    <link rel="shortcut icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
```

```
</head>
```

```
<style>
```

```
body{
    margin: 0%;
}
.background{
    height:100vh;
    background: #7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 360px;
    padding-right: 100px;

}
.button {
    display: inline-block;
    border-radius: 4px;
    background:black;
    border: none;
    color: #FFFFFF;
    text-align: center;
    font-size: 28px;
    padding: 10px;
    width: 150px;
    transition: all 0.5s;
    cursor: pointer;
    margin: 5px;
}
```



```
.button span {
    cursor: pointer;
    display: inline-block;
    position: relative;
    transition: 0.5s;
}
.button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
.button:hover span {
    padding-right: 25px;
}
.button:hover span:after {
    opacity: 1;
    right: 0;
}
</style>
<body>
<form          action="http://localhost:8080/Login_form/index1.html"
method="post">
```

```
<% String phone = request.getParameter("phone"); %>
<!--Background-->
<div class="background">
<!--Container-->
<div style="width: 800px; height: 440px; border-radius: 10px; background-
color: rgb(255, 255, 255, 1) ;">



<div style="position: relative; left:50px; top:100px;">

    <label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >Wrong password.Login again or click </label><br>
    <label style="font-family: 'Lucida Console', Times, serif; font-weight:
bold; font-size: 30px; " >Forgot password to reset it. </label>

</div>

<div  style="position:  relative;  left:50px;  top:145px;  height:  20px;
width:170px;">

    <a          href="http://localhost:8080/Login_form/index3.html"><label
style="font-family: 'Lucida Console', Times, serif; font-weight: bold; font-
size: 18px; " >Forget Password</label></a>

</div>
```

```
<div style="position: relative; left:600px; top:100px; height: 65px; width:160px;">
```

```
    <button class="button" type="submit" style="vertical-align:middle"><span>Login </span></button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Service_error.jsp:

```
<% @ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <title>Not Completed</title>
```

```
    <link rel="shortcut icon"
href="https://drive.google.com/thumbnail?id=1FgxXQfCUS6_Jm0RZ8MqS
8OU5mmTrh8Rr">
```

```
</head>
```

```
<style>
```

```
#background{
    height:100vh;
    background:#7b7b7b;
    background-repeat: no-repeat;
    padding-bottom: 100px;
    padding-top: 100px;
    padding-left: 420px;
    padding-right: 100px;

}

body{
    margin: 0%;
}

.div0{
    width: 700px;
    height: 700px;
    border-radius: 10px;
    background-color: rgb(255, 255, 255, 1) ;

}

.div1{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
```

```
    top:90px;
}
.div2{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
    top:130px;
}
.div3{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
    top:170px;
}
.div4{
    height:85px;
    width:595px;
    position: relative;
    left: 50px;
    top:210px;
}
.div5{
    position:relative;
    left:500px;
    top:220px;
```

```
height: 65px;
width:160px;
}
.div6{
position:relative;
left:480px;
top:270px;
height: 65px;
width:160px;
}
.column {
float:left;
width: 50%;
height: 84px;
}
.label1{
position: relative;
left:50px;
top:50px;
font-family: "Lucida Console", Times, serif;
font-weight: bold;
font-size: 30px;
}

.label2{
font-family: "Lucida Console", Times, serif;
font-weight: bold;
```

```
    font-size: 25px;
}

.textpane{
    background-color: #F9f6f9;
    height:30px;
    width:230px;
    border-style: inset;
    border-radius: 5px;
}

.textarea{
    background-color: #F9f6f9;
    height:80px;
    width:577px;
    border-style:inset;
    border-width:3px;
    border-radius: 5px;
}

.container {
    position: relative;
    padding-left: 35px;
    margin-bottom: 12px;
    cursor: pointer;
    font-size: 22px;
    -webkit-user-select: none;
    -moz-user-select: none;
    -ms-user-select: none;
    user-select: none;
```

```
}  
.container input {  
  position: relative;  
  opacity: 0;  
  cursor: pointer;  
}  
.checkmark {  
  position: absolute;  
  top: 0;  
  left: 0;  
  height: 25px;  
  width: 25px;  
  background-color: #eee;  
  border-radius: 50%;  
}  
.container:hover input ~ .checkmark {  
  background-color: #ccc;  
}  
.container input:checked ~ .checkmark {  
  background-color: #2196F3;  
}  
.checkmark:after {  
  content: "";  
  position: absolute;  
  display: none;  
}  
.container input:checked ~ .checkmark:after {
```



```
    display: block;
}
.container .checkmark:after {
    top: 9px;
    left: 9px;
    width: 8px;
    height: 8px;
    border-radius: 50%;
    background: white;
}
.button {
    display: inline-block;
    border-radius: 4px;
    background: black;
    border: none;
    color: #FFFFFF;
    text-align: center;
    font-size: 28px;
    padding: 10px;
    width: 150px;
    transition: all 0.5s;
    cursor: pointer;
    margin: 5px;
}
.button span {
    cursor: pointer;
    display: inline-block;
```

```
    position: relative;
    transition: 0.5s;
}
.button span:after {
    content: '\00bb';
    position: absolute;
    opacity: 0;
    top: 0;
    right: -20px;
    transition: 0.5s;
}
.button:hover span {
    padding-right: 25px;
}
.button:hover span:after {
    opacity: 1;
    right: 0;
}
</style>
<body>
<%String phone=request.getParameter("phone");
String user_type=request.getParameter("user_type");
String P_phone=request.getParameter("P_phone"); %>
<!--Background-->
<div id="background">
<!--Container-->
```

```
<div style="width: 750px; height: 475px; border-radius: 10px; background-color: rgb(255, 255, 255, 1) ;">
```

```

```

```
<div style="position: relative; left:75px; top:80px; width:650px; font-size: 30px; text-align: left; font-family: Lucida Console, Times, serif;">
```

```
<label style="font-weight: bold;">Soory for our  
inconveince.</label><br><label>If Plumber is not arrived contact with  
them,contact no:</label><label style="font-weight:bold;  
color:blue;"><%=P_phone%></label>
```

```
</div>
```

```
<div style="position: relative; left:530px; top:120px; height: 65px;  
width:160px;">
```

```
<a href="http://localhost:8080/Login_form/homepage.jsp?phone=<%=  
phone %>&user_type=<%=user_type%>">
```

```
<button class="button" type="submit" ><span>Home</span></button>
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

6 OVERVIEW

6.1 Application

The main objective behind this project was none other than the application. We decided to build this software with keeping in mind that our end product must contribute to make the work of booking service easy. Irrespective of work space scenario Service Provision Management System is indeed a software that can be used by anyone and anywhere. Now it's not necessary that each and every individual must be a Service provider for offering service but anybody can be a consumer for seeking the service. Hence the software can furnish an awful application to everyone. The main application of software is to provide a service booking platform. On which platform consumer can seek service and provider can provide. Application of software involves being a middle man. As consumer perspective a major application of software is to find a person who can do his work best in most efficient way. One can also use the software to check out and compare the wages of providers to make sure that even he is appointing work to a provider using traditional process or in nutshell offline the provider must not overcharge him. On the provider side the application seems to be find a work to make money. But its obvious that anybody can not do all the services by himself for example a plumber can't do the work of mechanic he's going to need another provider (i.e. mechanic) to repair car here plumber becomes consumer and mechanic will be provider this can happen vice versa. Since a provider is in fact a consumer also, the application of providers also involves exact same application that of a consumer.

6.2 Advantages

6.2.1 Time efficient and versatile:

As we all know if we need any worker for any specific task and we need it to be urgently done in a specific time slot then we have to waste our time in finding him/her by going out personally or by taking their contact number and not only that but he/she will only come if they were free of work or we have to take another slot of timing of them, but in this case our **SPMS** will provide you with number of well experienced and professional workers which are rated by the users who hired them earlier for the work, it will save a lot of time of yours which you are being wasted previously in finding them personally. In this system you can find workers for all type of works and also as per your time schedule they will arrive to do work.

6.2.2 Ideal provider:

The registered providers which users are dealing with are genuine and ideal as they are being verified by the system previously.

6.2.3 Skilled Workers:

The service providers registered in our system are professional and well experienced which will help you to finish/complete your specific task with perfection, you can select the skillful workers by simply knowing their ratings which they gained from their previous works.

6.2.4 Easily accessible:

Another advantage of using **SMPS** is that it is easily accessible. Just by installing a simple app and entering a few requirements, you get the SMPS

downloaded that allows you to request for a service provider anytime you need. With a simple internet connection, you can hire the provider in a city where SMPS are in operation. SMPS is available within no time to select the nearby provider within your destination. Instead of finding a service provider personally and you don't need to compromise the time by waiting for them, SMPS provides them at your doorstep saving your time.

6.2.5 Cheaper rates than market value:

Rates of the workers in SMPS will be surely lower than that of the workers in the market because to give them a tough competition and lowering their service rates they can also gain the more work.

6.2.6 Selection:

You can select the workers on your own required to complete your work and we will also provide you with the ratings if the providers to help you to select the perfect worker to fulfil the job.

6.2.7 Ratings:

The major advantage is that you can rate the provider on basis of their timing of arrival, time taken for completion work, quality of work and also on the basis of their behavior, which will help other users like you to choose the required worker wisely.

6.2.8 Variety in workers:

In our system consumer can choose the worker of his choice from the large variety of registered worker to complete the same task and the consumer can choose the worker according to their rate too.

6.3 Limitations

6.3.1 Deal cancelation:

Deal cancelation is a very major issue consumer can cancel the deal as well as provider can also cancel the deal without letting us and each other know about it. It can cost both consumer and provider too. Sometimes consumer can cancel the deal for personal or public reasons without letting the provider know about it and in this case is the provider didn't get another work in that whole day accept the cancel work then he/she will be workless and same in the condition consumer, if the work at side of consumer is important and needed to be done urgently and in this case if the provider cancelled the deal for several reason then the work of consumer will be postponed until next worker will reach to their place.

6.3.2 Payment Issue:

We have not included the payment methods in our system till now but it will fixed soon. Since the majority of people still hesitate about online payment option and prefer cash. And if we want people to start with a software the first parameter of concern is comfort. Making work easy has always been priority in our project over making money.

6.3.3 Price Competition:

Price competition can be destructive for any industry. Providers registered in the system can set lower work charges than the average charges to gain more amount work as our system does not include any feature to manage the lower charges and also high charges rate. So this can affect the other providers in the system.

6.3.4 No chance to bargain:

In our system the rate of charges are declared by provider and only provider can change it. Our system does not include any chatting system for consumer to bargain with provider because of that the consumer cannot change the rate of charges which are applied by the provider will have to compromise by looking for another provider who will do the same task with lower rate of charges.

6.4 Scope

6.4.1 User profile

The profile creation is one of the key element for both the users i.e. consumer and provider. But for provider profile creation is an essential factor. The profile creation allows provider to exhibit his skills, qualification and work style. Declaring wages and tariff is also included within the boundaries of profile creation. This is the must have aspect of project without including profile creation in project scope the software would have been incomplete.

6.4.2 Service view

In order to book service first user must select the service and choose respective provider. It can be said to be one of the most important component of our software. This feature has made it possible to compare service provider for seeker which is standalone a characteristic to use.

6.4.3 Service booking

The main purpose of software is to appoint a provider for a service seeker. The objective of booking service without any manual interaction with consecutive benefits is what all our about. This allows consumer to communicate with provider in order to get work down.

6.4.4 Billing

Once a provider is appointed to a seeker he has to complete the work and get paid for it. The tariff on which basis he is going to charge are pre-declared, so the only thing left is to generate a bill in order to have proof in form of receipt. This involves the details of both users and also the transaction characteristics. The total amount that's to be paid will also be mentioned in the bill, so this is last phase regarding transaction.

6.4.5 Report Generation

The selection, appointment and transaction task are achieved leaving us the details of transaction which is saved in database. Now this data has to be utilized so that at the end of the day we should be able to view the data in form of report. Report writing will help in analyzing the data and identify the trend, it could also contribute in viewing a specific type of transaction.

6.4.6 Future Scope

We tried our best to keep the software up to the mark but there are certain limitations that is currently lagging in current project due to some reasons. The things which were proposed in planning like GPS, payment, Chat API would be developed in future pushing the scope forward. GPS will allow the consumer to find nearest provider, that could be beneficial in practical life. Payment will help the transaction to be cashless and also provide economic reliability.

7 Conclusion

7.1 Result and Discussion

7.1.1 Result

In our project the basic aim to achieve was making a software or website which will provide services to the person who needs work to earn money and the people we need some helping workers. The aim is been achieved and a software is been implemented which is been named as service provision management system which will allows the service seeker and the service provider to communicate with each other and provide services to both of them. Actually both the service seeker and consumer our users and also the service provider is a user of this application. When both have communication and they have done the registration on the login page they can forwardly move towards the actual implementation of the work to be done. Name the person who needs the service will call the person who can provide service with working abilities and all the abilities are been shown there of the worker. So that you can identify the level of the working person.

7.1.2 DISCUSSION

The project is been implemented successfully under the guidance of the respective mentor or teacher. We can give services to the person who can do the work with the particular amount been discussed are the price been declared, which are wages declaration. We are also providing the services listing which will help the user to select the appropriate service which you wants. There are some of the limitations of our project such as it can work within a particular specified area. For the final implementation we can also add GPS tracking systems into the project. Whenever we need any work to be done at our home we can easily find the people who can help us on that

situation on our application. This application is basically a bridge between worker and the person who need the help from the worker.

7.2 Summary

Whether a person wants get some plumbing work done or need an electrician or any other local service the task of finding a service provider is not that easy. And even if a person found a provider there is no guarantee that he/she is reliable or not if they are unknown. This problem is significant everywhere especially in urban areas. With an objective of building a software that will help to make the work of booking local services easy we decided to build this project. In which first both consumer and provider has to register themselves, along with essential details. Then a consumer can select his desired provider viewing through filters like wages, address, previous work done, etc. Once a consumer selects a provider he will request to him afterwards when the providers accept the request he has to go on work site. Once the work is done bill is generated mentioning the charges and total amount to be paid. All through the planning phase to development phase and from user registration to the accomplishment each and every attribute in the project has the approach of Keep It Simple. The end product which is data generated by the transaction is too saved in database in order to analyze is saved in format of report. In a nutshell it is the way our project software uses to appoint a service provider efficiently.

7.3 Conclusion

An era of online application where almost every service is available on internet there was still a thing lagging behind that is booking a service. There is a similar software existing for providing services that is urban clap, but the issue is that they have their own providers. This is getting the work done for consumer but with no exposure to provider efficiently. Indeed we decided to build a software that connects consumer to local provider registered. To achieve this work we used languages like java, html, CSS and MySQL database. Now our end product is a ready and fully furnished software that allows to book a service in few clicks on the door step. Adding more reliability, increasing employment to the traditional manual way of booking service. The journey of appointing a provider has ended with transaction, leaving the users bill and perks of benefits. Similarly the conclusion is end to the journey of theoretical explanation withdrawing details of project. It helped us learn a lot we will make sure that it will also contribute in saving time, resources and make the work of user easy. The work of appointing a service provider to consumer now can be done online with using the software none other than Service Provision Management System.

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