Workers Paradise: a New Approach to Every Daily Service Problems

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Abstract: - Web-based booking appointment systems are prevalent currently either online or using traditional queuing systems. Several businesses like hospitals use different Web-based appointment systems for their patients that makes appointments process more efficient, thereby minimizing patient's waiting time and maximizing the total number of patients served. . This study presents a web based appointment booking system through web that that will help those people whose residents are very far away from market complex or they don't have time to go to the market place. If someone has shifted to new city, for office work on any other reason, then it is very difficult for them to search best technician, electrician etc in their locality. This Web based system will help those working or non working persons. The system allows service providers and service seekers to simply gain access to the system by simply connecting to the internet. It also enables service seekers to give feedback to service providers based on their performance.If performance of any service provider is very low then it will be removed from the site by the admin.This system was developed using HyperText Markup Language(HTML5), Bootstrap framework, Java and My Structured Query Language(MySQL) as database. This wil enable the web application to be robust, cheap and capable of oprerating on variuos platforms. The system does not only fully automated, and perform excellently well, but also user-friendly, time effective and efficient.

Keywords: appointment, web based application, booking

1.Introduction

Web applications have abetted in restructuring most of the tasks performed everyday, which makes lives simple and uncomplicated describes the importance of Information and Communication Technology (ICT) in improving and assisting teaching and learning processes [1]. This application will most widely used to solve problem of those who face difficulty in searching electricians, technicians, mechanicians and can book them and take appointment and then can take their services.

The goal of Worker's Paradise is not only to provide the quick home delivery to them but also provide the best service in all the department. Previously, these appointment scheduling were carried out manually thus, there were many cases of over bookings or making the same reservation for two or more people or failing to delete an appointment not needed to allow replacement.

To eliminate these human errors due to manual appointments scheduling system, there is need to develop a web application that enables appointment processes easier. It is a site which include both the customer and the service providers i.e. Customer can book online for various services & service provider can also register themselves and provide there service on our website. It provides the customer ability to signup themselves to this application and search for any kind of service they want.

Each customer will have their own account. If the customer want to search service provider by their experience , per hour price etc. they can also do that. On the other hand, service provider accepts customer booking and then go to customers house to provide that service. There is also an admin who has the full authority on all access on the service seeker and service provider. All the database maintain in this site has a direct link with the admin. Admin can delete the service provider according to their performance.

An appointment is a particular time scheduled for something such as a business deal, doctor visit and much like a reservation. Various aspects of appointment processes, such as confirmations, reservations and cancellations are controlled automatically [2].

Recently, there have been various trends in development of web application and it is a fast and ever growing field. Web applications have a user interface based on the browser that interacts

with the user and can manage large amounts of data [3].They are very popular because a new application can be released without needing to install a new version on the client computers. This is absolutely different from desktop applications like Microsoft Word in which a new or upgraded version of the application needs to be installed or the patch of the application has to be installed. Web application of workers paradise is an area of fast growth because it is more effective way of handling service based issues.

Online appointment systems are used extensively in hotels, hospitals, etc. for scheduling appointments and to keep track of patients' records. In this web based application, Service seeker will register and create an account. He/ She can search for the services from various categories provided. They can view different Service Provider and can compare their price and then book them.

This system enables the Service provider to sign in within this website and provide their services by providing minimum prices to customer so that they will provide more and more services to them.

This system enables the admin section who has the full overview on both the Service seeker and Service provider respectively. He has the full access on them through the database made by him. They are able to search on Service seeker by their Service seeker id. All Service seeker have their Service seeker id. They can get the information of all the Service provider who applied for jobs in that site.

In order to keep up with growing technology, there is need to explore various avenues of making appointment processes less time consumption, easy to use and a user friendly interface with just a click. Therefore, development of this Web that needful to the people is very imperative. The main objective of this project is to help the Service seeker whose residence is far away from market or someone have no time to go to market. This project basically saves time of lot of people by booking online for plumber, carpenter etc. for household works. It also provides flexibility to service seeker to choose from various service provider and also provides option to give feedback about them after work is done. This system is very useful for service provider also as they register themselves on our platform and grow their business without even going anywhere.

2.Methodology

The application utilized 2-tier techniques of server/ client architecture software. The client is described as the network application which applied the services of the server. The server proffers services to another host upon a network. In web system technology, web interface will be demanded by the client before necessary interaction can occur. Through the system logic the servers administers the clients requests. Web server offers the services such as authentications, web pages generation on request and database operations. The server/ client interaction occurs through Hyper – text – transfer protocol (HTTP), a protocols on the Transmission Control Protocol/ Internet Protocol (IP/TCP) suite.. The programming language employed were the Hypertext Markup Language (HTML), Javascript and Bootstrap Cascading Style Sheet (CSS) with Hypertext Preprocessor (PHP).

System architecture

Everyone can access this system from any computer which is connected to internet for booking an appointment with the service provider.

Then, time of appointment is sent to service provider, either accepting or rejecting it. Then service seeker will receive a message that your appointment is accepted then after completing the task or after taking service, service seeker can pay to him ,and can give feedback also based on his/her performance. The system architecture is described below in Fig 1.
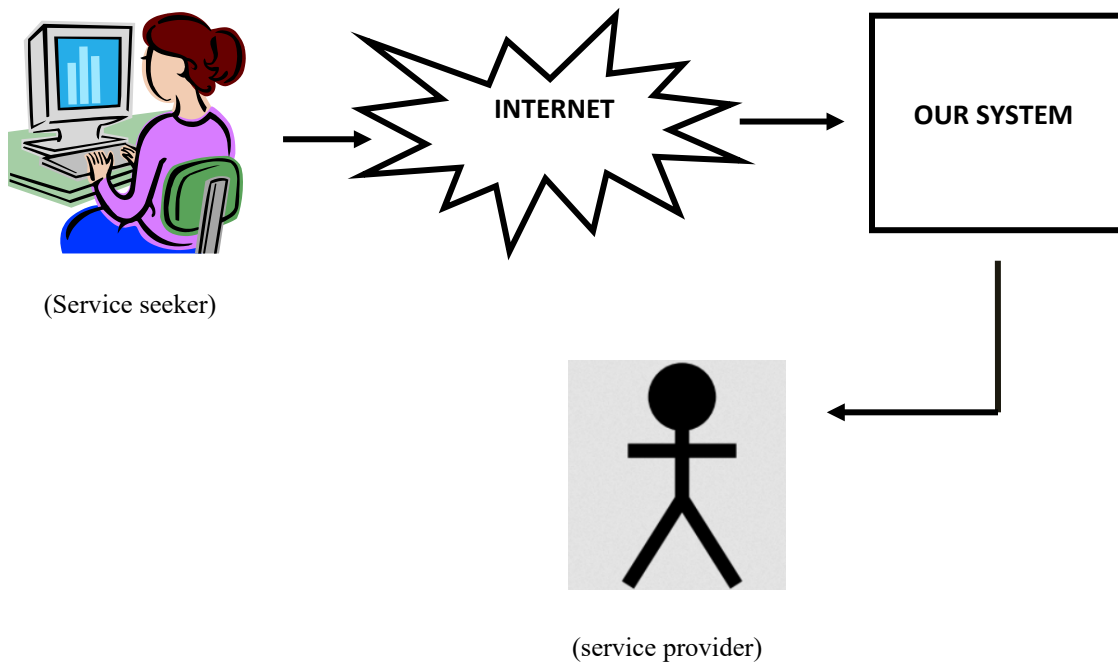

(Service seeker)

(service provider)

Fig 1 System architecture

3.Design and Implementation

A. Graphical user interface

Graphical User Interface design provides an interfacing between the user and systems. The application is implemented on both mobile and windows platform. Thus, providing with an interactive interface determine the increasing number of user with interest to use the system. Below are some screenshots that indicate a picture of how the interface of the system looks like which consists of the home pages, login page for both service provider and service seeker, service provider interface, feedback page, service provider page etc.

B. Database Implementation

Database is a file structured specifically for efficient storage and easy retrieval of data. It is structured to data and enforces rules on how data should be stored or maintained. Database is widely considered as one of the essential part of most systems. My Structured Query Language (MySQL) server was used as the database.The Database Management System (DBMS)stores all data needed for the Web-based Workers Paradise which includes basic information of the service providers and service seekers and the time and date of the appointment.

Fig 1 and 2 are the homepages which is shown when this site gets opened.
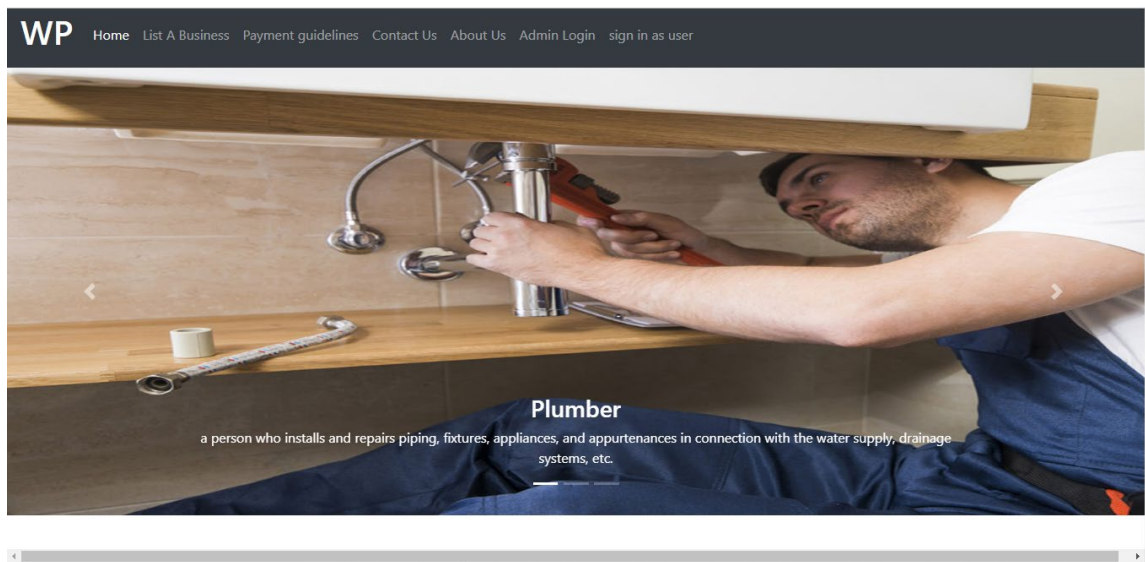
Fig 1 Homepage
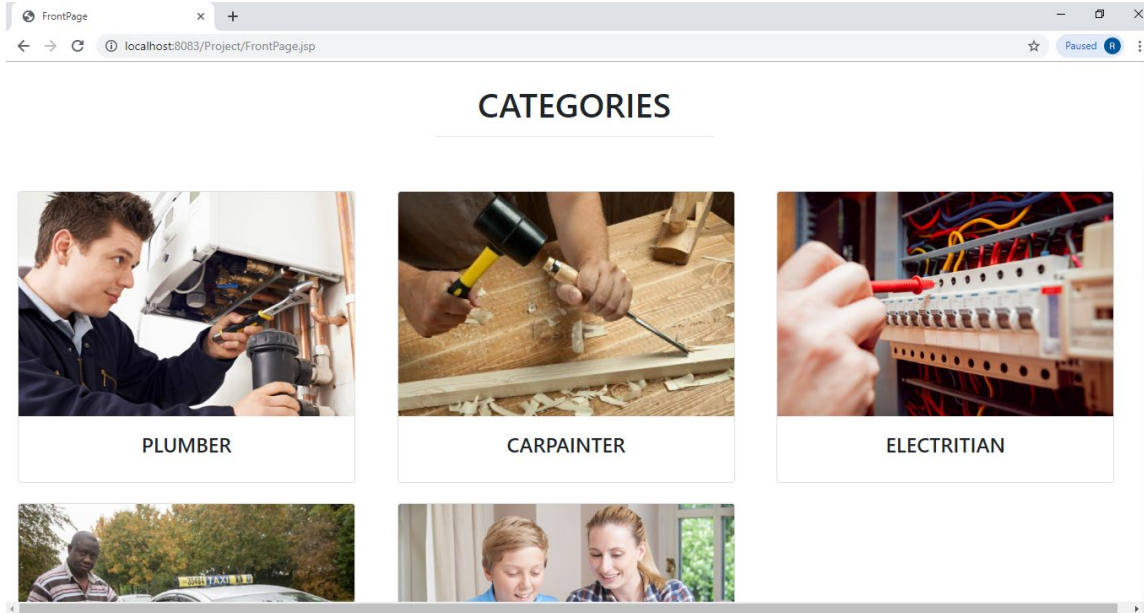
Fig 2

Fig 3 shows a search by page where service seekers can search service providers by comparing various filters available.
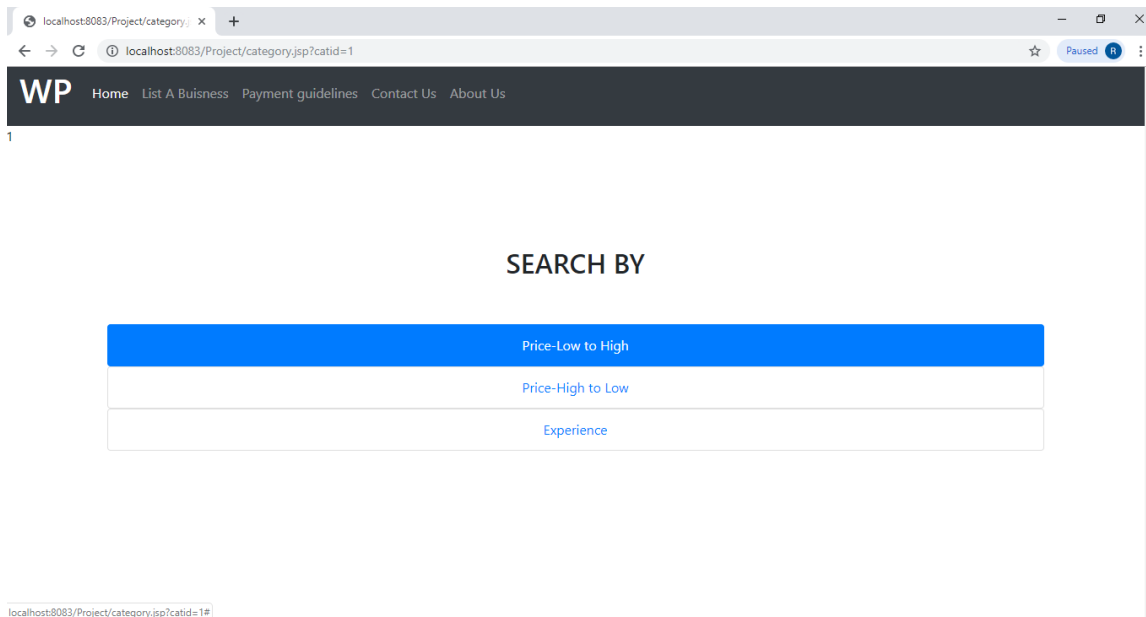

Fig 3

Fig 4 shows various service providers that are popular in the location of service seekers.
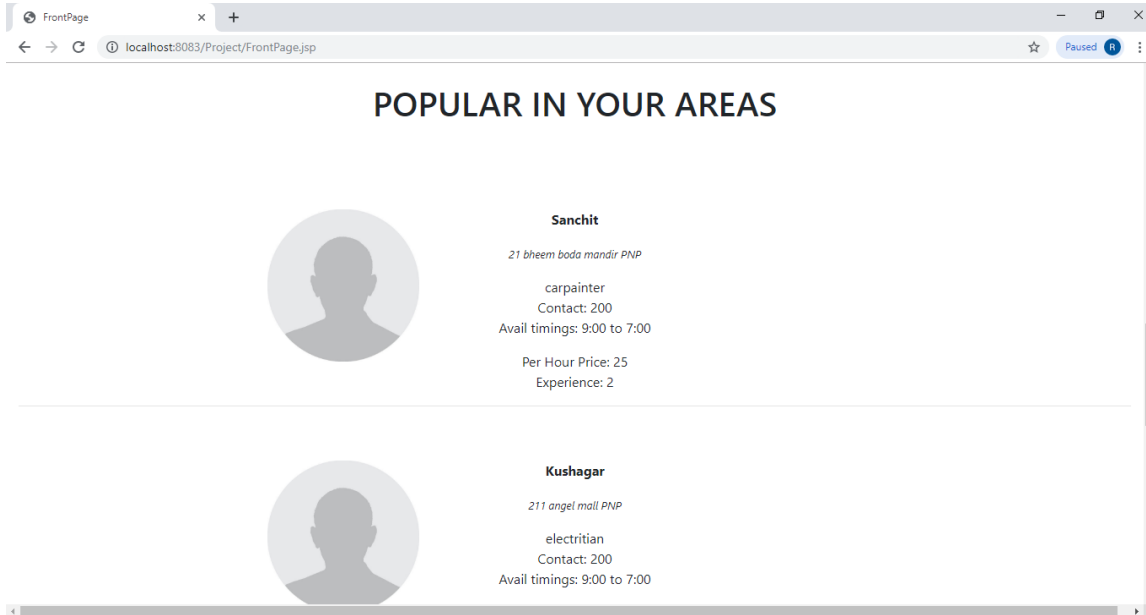

Fig 4

Fig 5 shows booking page where service seeker can book their appointment and there is a popup also which asks for booking date and booking time.
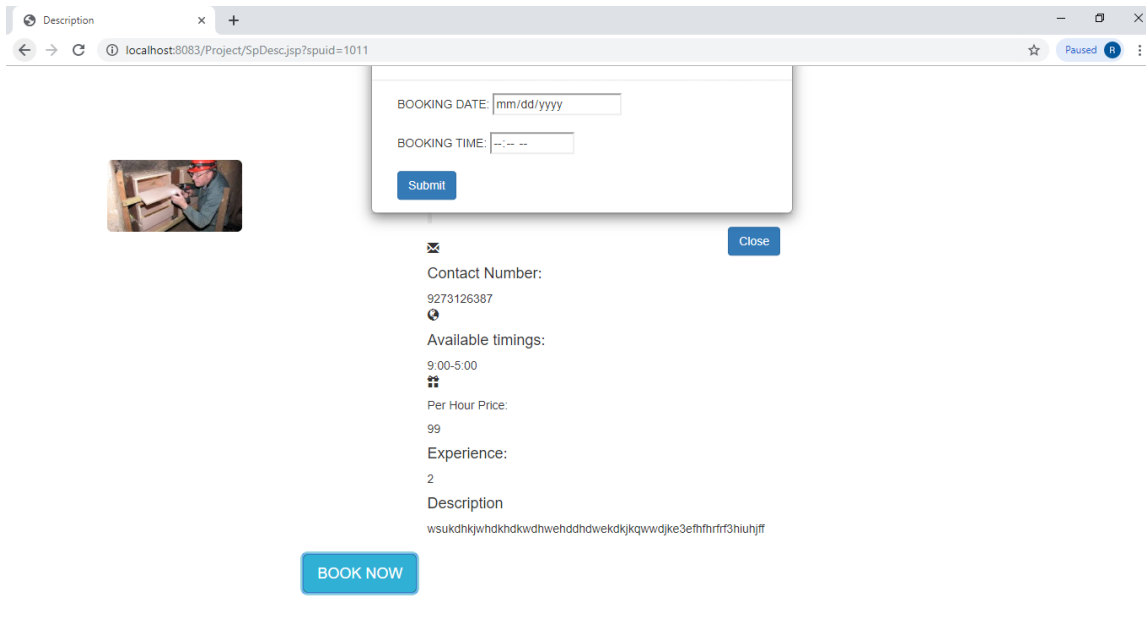

Fig 5

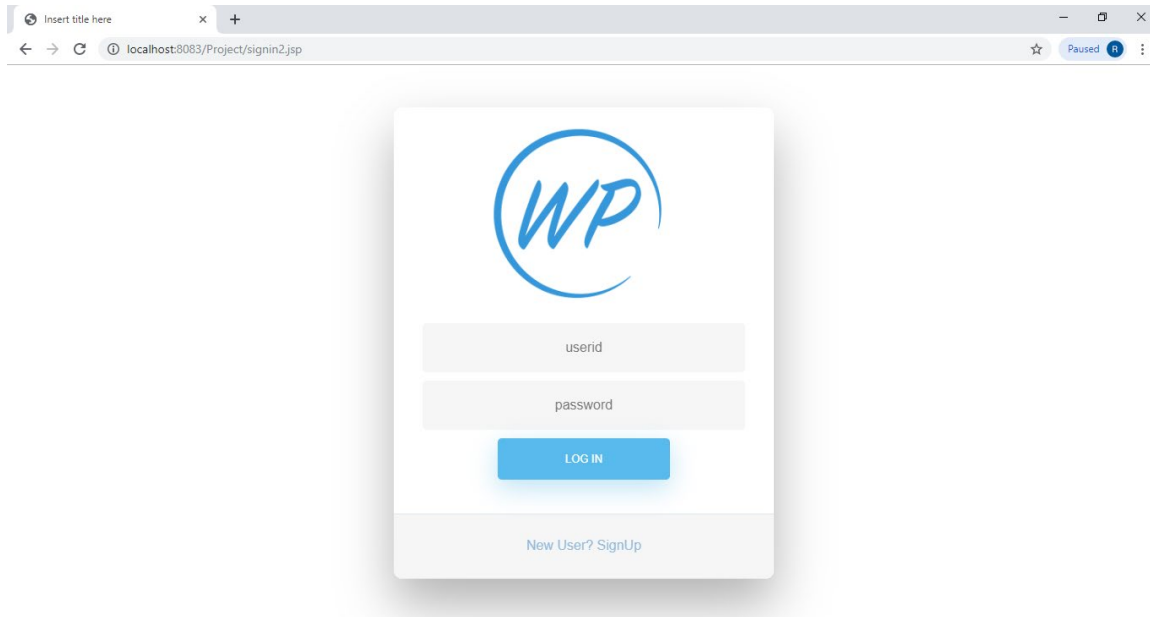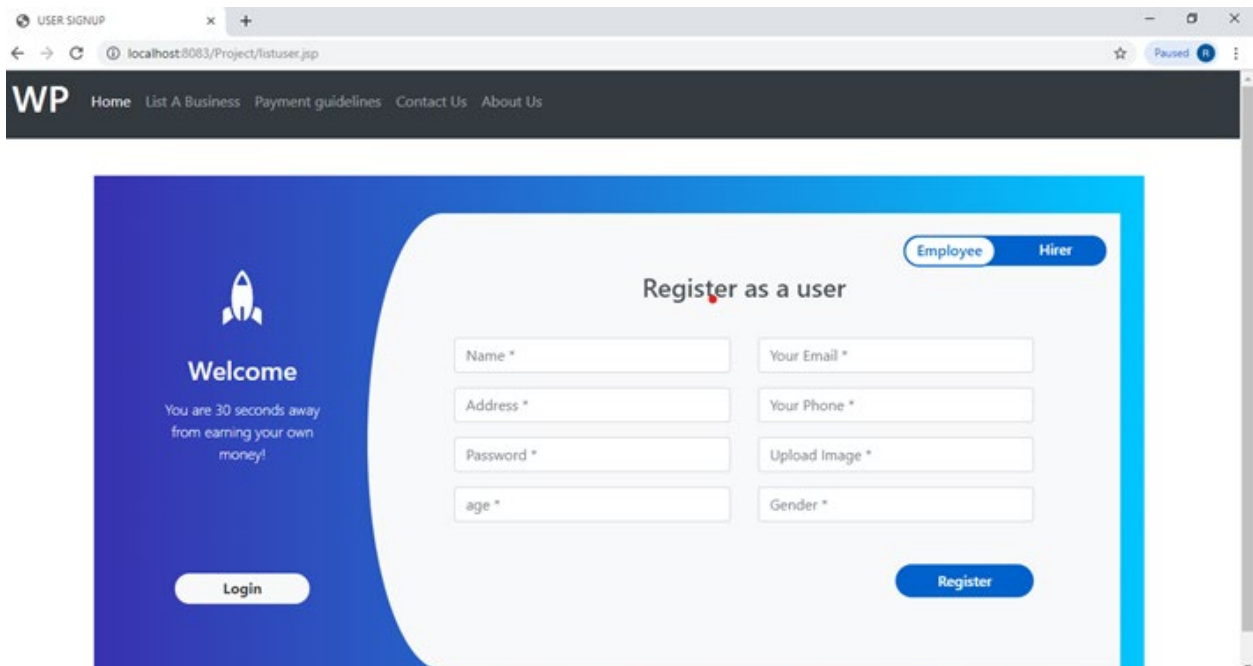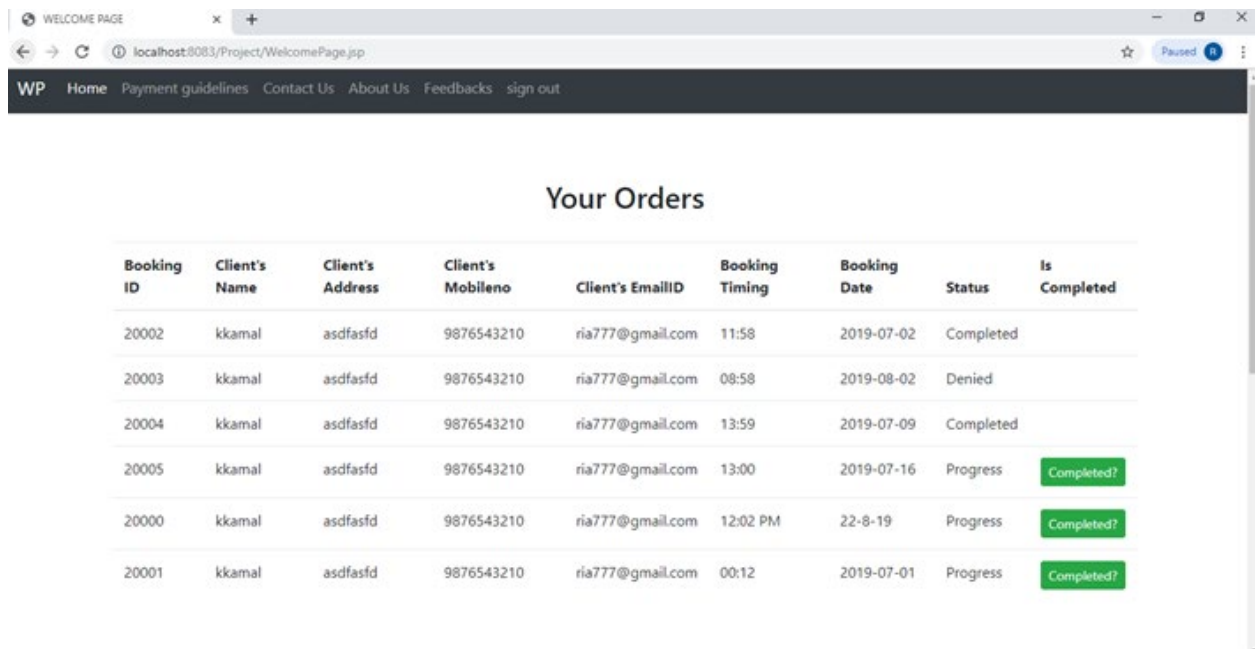Fig 6 and 7 shows user sign in and sign up page respectively.

Fig 6

Fig7

Fig 8 shows service provider interface that shows tasks that he has completed and which are left.

Fig 8

4.Conclusion

This web based application Workers Paradise is software which allows a potential customer to book and pay for an activity or service directly through our website. That means from the moment a customer decides they want to book to choosing a date, picking a time and paying for the booking, everything is handled online. It takes all of the stress, strain, mistakes and time out of arranging bookings. This system have a huge variety of applications. Previously, people need to manually search for best service providers and even after a lot of searching it was very difficult for them to search for the best one which is in their locality. From now, they can simply visit our website. Being on line is the need of hour ,so it makes perfect sense to use this site.

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