Introduction

Purpose:

The daily wages provider is the online system for customers who needs the worker or any home services for their purpose on daily wages basis. This web application is intended to provide home servicecs on demand by the customer and provide complete solution for the customers who face difficulty in searching for the labours or any kind of service they need immidiately.

Using this application daily wages people also can get work and money and it will be beneficial to both.

Scope:

This system allows the customer's to choose the service according to their need which is affordable and feasible to them.

Definitions:

DWS --> Daily Wages Provider

SRS --> Software Requirement Specification

GUI---> Graphical User Interface

Portal--> Personalized Website

Stackholder--> The person who will participate in the System. And Owner of system

Ex. Customer, Adminstrator , Shopper

UML---> Software Engineering Notation for visualising System in the form diagrams

SSL---> Secure Socket Layer used for providing restricted access to application.

BOD---> Board Of Directors (Management).

RDBMS --> Relational Dadabase Management System.

CLUSTERS---> Group of independent servers.

Overview:

This System provides an easy solution to customer's to choose their service according to their need with affordable price without struggling outside.

Additional Information:

The system work on internet server, so it will be operated by any end user for choosing the home services they need with secure platform.

This system protects the integrity of the customers and service providers and provide the services at affordable price

General Description:

The Daily Wages Provider application helps to manage the all the services with their availability and also helps customers to select the serices as per their requirement.

The Daily Wages Provider system will use the internet as the sole method for providing the home services to its consumers.

Functional Requirement:

This section provides requirement overview of the system. Various functional modules that can be implemented by

the system will be-

Description:

Registration if customer wants any kind of home services then he/she must be registered, Unregistered user can not get to serices.

Login Customer logins to the system by entering valid user id and password for any services.

End User can select the particular services that they required immidiately,and can browse the available serives according to their choice and requirement.

Payment for service provider; customer can pay their amount after the work is done by the providers.It can be cash or any online mode.

Logout after the payment of the provider the customer will logged out.

The term client/server refers primarily to an architecture or logical division of responsibilities,

the client is the application (also known as the front-end), and the server is the RDBMS (also known as the back-end).

A client/server system is a distributed system in which,Some sites are client sites and others are server sites.

All the data resides at the server sites.

All applications execute at the client sites.

Technical Issues:

This system will work on client-Server architecture. It will require an internet server.

The system should support some commonly used browser such as Chrome etc.

Interface Requirement Various interfaces for the product could be

1.Login Page,

2.Registration form

There will be a screen displaying information about product that the shop having.

The customers may select the different options which will be open in another screen as

1.Login Page

2.Registration Form

3.Services Page

4.Service Selected

5.Account Settings

6.Payment Gateways

Hardware Interface:

The System must run over the internet,

All the hardware shall require to connect to internet will be hardware interface for the system.

e.g. modem, WAN, LAN

Specialized Server Infrastructure Hardware

The system should use distrubuted servers i.e cloud for managing large amount of data so as to make it appear as single unit for end-user.

The system should have proper clusters for backup.

Software Interface:

The system is on server so it requires the any scripting language like JSP or PHP or ASP, ETC.

The system should be able to exchange data using XML, JASON or any advance technology.

The system require DataBase also for the store the any transaction of the system like MySql or oracle, or SQL server etc.

System also require DNS (Domain Name space) for the naming on the internet.

http://www.transflower.in

http://www.amazon.in

At the end-user need web browser for interact with the system.

Performance Requirement:

There is no performance requirement in this system, because the server request and respone to client is totally based on internet connection of enduser.

Design Constrains:

This system should be developed using Standard Web Page Development Tool , which conforms GUI standards such like HTML, XML, JSON,etc.

The system should support various RDMS and Cloud Technologies.

Non-Functional Requirements

1.Security:

SSL

The System use SSL (Secure Socket Layer) in all trancations that include any confidential customer information.

The system must automcatically log out all customers after a period of inactivity.

The system should not leave any cookies on the customer's computer containing users's password.

The system's back-end servers shall only be accessible to authenticated administrators.

Sensitive data will be encrypted before being sent onver insecure connections like internet.

The proper firewalls should be developed to avoid intrusions from the internal or external sources.

2.Reliability:

The system provides storage of all databases on redundant computers with automatic switchover.

The main pillar of reliability of the system is the backup of the database

which is conitinously maintained and update to reflect the most recenet changes.

3: Availability:

The system should be available at all times.meaning the user can access it using web browser,

only restricted by the down time of the server on which the system runs.

In case of a of a hardware failure or database corruption, a replacement page will be shown.

uptime : It mean 24 \* 7 availability

100%--------------

99.9%

99.999%

99.9999%

4: Maintainability:

A commercial database is used for maintaining the databae and application server takes care of the site.

The maintainability can be done efficiently.

5.Portability:

The application is HTML and scripting language based (Javascript). So the end user part is fully portable and any system using

any web browser should be able to use the features of the system,including any hardware platform that is available

or will be available in the futuer.

An end-user is used this system on an OS;either it is Windows or Linux.

The System shall run on PC, Laptops and PDA.etc.

The technology should be transferable to different environments easily.

6.Accessibility:

Only registered users should be allowed to process the orders after authentications.

Only GUI access of the system should be permited to end users.

7.Policies:

The system should adhere to all the legal formalities of the particular countries.

The system should maintain security related to sensitive data.

8.Efficiency:

The system should provide good throughput and response to multiple users without burdening the system by using appropriate number of servers.

9.Safety:

Software should not harm ethical and environmental conditions of the end users machine.

10.Modulariy:

The system should have user friendly interface.

It should be easily updated,modified and reused.

Operational Scenario:

Customer Interaction

The Customer want to buy item. The system shows all product categories to customer. If custoemr select item then those items are listed in shoppingcart for buying. The payment will be made with credit card or debit card. If customer wants to cancel the order before shopping then he or she can cancel it. Customer can see the buying report on account details. Customer will receve email about purchase done.

Shopper Interaction:

Staff Interaction:

BOD (Board Of Directors)

Preliminary Schedule: :

1.Login

2.Manage customer database Browse category

3.add or remove item from cart

4. Manage customer database

5.update item category

6.approve/reject shop creation

7.shipping order

8.Logout

9.Give feedback

10.payment

11.ByCreditCart By Debit Card By online banking

12.Visit Site

13.Create new account

14.View account details

15.Cancel order before shipping

16.Registration

17.Order tracking

18.Return Policies

19.Customer Support