**Synopsis**

**On**

**Handyman**

***Submitted in the partial fulfillment of the requirements***

***curriculum of degree of***

**Polytechnic**

**of**

**KALPANA CHAWLA GOVT.POLYTECHNIC FOR WOMEN**

**AMBALA(H.R)**

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**COMPANY PROFILE**

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**Foundation**

**Udemy, Inc.** is an American massive open online course (MOOC) provider aimed at professional adults and students. It was founded in May 2010 by Eren Bali, Gagan Biyani, and Oktay Caglar.

**Achievements**

As of April of 2021, the platform has more than 40 million students, 155,000 courses and 70,000 instructors teaching courses in over 65 languages. There have been over 480 million course enrolments. Students and instructors come from 180+ countries and 2/3 of the students are located outside of the U.S

**Business Domains**

Courses are offered across a breadth of categories, including business and entrepreneurship, academics, the arts, health and fitness, language, music, and technology. Most classes are in practical subjects such as Excel software or using an iPhone camera. Udemy also offers Udemy for Business, enabling businesses access to a targeted suite of over 7,000 training courses on topics from digital marketing tactics to office productivity, design, management, programming, and more. With Udemy for Business, organizations can also create custom learning portals for corporate training.

**PHP** is a general-purpose server-side scripting language originally designed for web development to produce dynamic web pages. For this purpose, PHP code is embedded into the HTML source document and interpreted by a web server with a PHP processor module, which generates the web page document. It also has evolved to include a command-line interface capability and can be used in standalone graphical applications. PHP can be deployed on most web servers and as a standalone interpreter, on almost every operating system and platform free of charge. There is also commercial software such as RadPHP, a rapid application development framework for the PHP language. A competitor to Microsoft's Active Server Pages (ASP) server-side script engine and similar languages, PHP is installed on more than 20 million websites and 1 million web servers.

PHP was originally created by Rasmus Lerdorf in 1995. The main implementation of PHP is now produced by The PHP Group and serves as the de fact standard for PHP as there is no formal specification. PHP is free software released under the PHP License which is incompatible with the GNU Gen---eral Public License (GPL) due to restrictions on the usage of the term PHP.

**What can PHP do?**

PHP is a server-side scripting language whose primary purpose is to generate HTML content. Its creator, Rasmus Lerdorf defines it as "a cross-platform, HTML-embedded, server-side web scripting language”. With the current direction of the Web, it is easily being adapted to writing out all forms of XML content as well. The most recent version of PHP is PHP 4.

It was originally developed as a set of server-side modules to perform some specific Web-server tasks on small, Unix-based Web servers. Since then PHP has grown beyond the work of one man writing some tools for his own use and into one of the most popular server-side scripting languages in the Web. Three things make PHP popular. The first is that it is easy: easy to implement, easy to learn, and easy to use. The second is that it is free. The third is that it runs on almost any Web server on almost any platform currently available.

PHP is both a scripting language and a collection of tools for performing various server-side functions in an HTTP, or Web, server. Since it is written as a collection of C-modules, it can go beyond server-side scripting and can also be used to execute scripts from the command line and for developing client-side GUI applications that can operate on most any platform.

The core features of PHP are built around the ability to process strings and arrays, as well as to work as an object-oriented programming language. Beyond this most of PHP is a collection of modules that can be added in on the server as needed to perform a large variety of specific tasks. In other words, it is a highly customizable application, and you can kept it small by only installing as much as you need to perform required tasks.

**Database Access**

One of set modules control database access. Using PHP with MySQL has become common enough that the MySQL interface is now part of core PHP instead of a plug-in module. Most other databases have modules that can be included in a PHP build to allow access. PHP can access most any SQL or ODBC database. It can both read and write information in the database.

This opens up the door for a whole variety of online business applications that require data storage on the server. Because of this, PHP is becoming an increasingly popular tool for e-commerce.

**File Access**

PHP can read and write files. It can also do basic file and directory maintenance. Because of this, you can use it to do such things as edit documents remotely. It can also be used to search flat file collections for the existence of a given file or for the existence of information stored in files and return the results. Information does not need to be coded into a database just to be accessible.

It can also take content and use it to generate files in various formats, including HTML and PDF. It is an increasingly popular tool for processing XML for HTTP distribution. It can also take data and use it to generate e-mail, which is can send out through most any standard mail protocol.

Its ability to work across multiple data sources and return multiple content types makes it an ideal tool for things like search engines and message boards.

**Application Control**

PHP started as an application control language. Specifically, it was designed to handle access logging for HTTP servers. This ability has expanded greatly and now PHP can even be used as a scripting language in such applications as Microsoft Word and Excel.

**Graphics**

PHP can not only manage text content, it can also manage graphic content. It can be used to create graphs and charts. It can be used to generate GIF and PNG images on the fly, allowing you, for instance, to have a button template that has the text added to it dynamically before being sent to the client. This means you don't need a new image for each button, just one image that has the text added as needed for each individual button.

**Project Introduction**

Project title: Handyman

* Statement of project:
* This project is aimed to provide the customers facility to sell and buy their own household goods and products online anytime,anywhere.
* Handyman system is basically made for providing the customer an anytime and anywhere service for selling and buying things on single platform. The user can easily know the product details ,price and then make the choice.
* In this project, we will illustrate our system by providing DFD (Data FLOW Diagrams) on some functions. And we will also provide some process description and data dictionary.
* Admin can use the system to insert and delete data (e.g. film description, time table) which will update the webpage (webpage are dynamic page, changing according to the data in database). Also, admin can check the statistic information from the system.
* **Features Of Project:**
* Database Search Feature.
* Supports credit card transactions.
* Supports SQL database for product database for speedy movie info lookups.
* Can save customer contact information for their next visit, so they do nothave to re-type it.
* Using the SQL module the cart can handle very large product databases.
* Ability to store order information in a secure file.
* User can comment,like,dislike on the post he/she sees.
* This project is basically based on the advertisement of any type of item .
* In the initial a non register can see all type of categories.
* He can also able to see price of item and any type of item either.
* One thing is hidden for the user that is seller details due to his non registration.
* After the registration ,user will be able to post any kind of advertisement.
* He can also able to see seller details.
* User also able to edit any type of post.
* Moreover, a user can select any type of add and put it into his favourite list.
* This project also consists the like ,dislike and comments kind of system.which helps the user to get the information regarding to that item which he wants by seeing the comments of other users.
* Most important thing is that admin is only the person who can give the authorization to the user of active or inactive account.
* In the end ,if a user wants to get that thing which is mentioned in the advertisement then a user can able to contact with seller .
* **Working Of Project:**
* The product information is kept in a text database, which consists of: product cost, product detail, seller details ,net payable amount to be paid by the customer.
* Admin will manage the data of everything from adding products and registering users to removing products and already registered user if necessary.
* Non-Registered users can visit the site and can look for product but can never buy or sell any until they register to the site.
* Registered users can buy, sell, as well as comment on product post along with disliking ,liking them.
* For better communication ,Sellers and Buyers can chat to discuss on the product they are selling, buying.
* Once order is placed, product details confirmed,payment can be done as per their comfort.(By Cash, Online.)

**SOFTWARE REQUIREMENT ANALYSIS**

**TECHNOLOGIES USED**

**Software interface: -**This project is a web application that is developed in PHP having MySql as back end.

* **Database design:-** My Sqli
* **Website design:-** Bootstrap with Custom Designing using CSS3
* **Coding(logic):-** PHP and JavaScript
* **Server:-** XAMPP
* **Platform:-** Windows
* **Application:-**Notepad++

**System interface: -**Application would be a self-contained system. It wills not access data of any other application nor will other application have access to its data.

**User interface: -**Application will be access through a browser interface. The interface would be vied best application using 1024 x 786 and 800 x 600 pixels resolutions setting. The software would be fully compatible with Microsoft internet explorer for version 9 and above.

**Modules of the Project**

* **Admin module**

Admin of website can login and help the Users. It can manage site content. Admin can edit, delete Pages and Comments. It also manages users of website. Admin can approve or un-approve the privileges.

* **User Module**

User can login on this Easy to communicate between employees who are working on similar task. Employees can share information between a group and solve issues. Updates of completed and pending tasks can be analyzed.**Start Wamp Server Go To Local Host**

* **Non-Registered User**

Users who are not registered can just go through the products in the timeline but cant buy or sell any. For doing so one will have to register them using email or phone number.

* **Registered User**

Registered user have privileges like adding products to the timeline ,selling, buying them and even added comments to the product posts.

* **Login Module**

This module is for non register user through which he has able to get the rights to use this application.

* **Payment Module**

This is the most important module because it deals with the payment of the products booked .The customer can pay for the product before by cash payment and if he wants to pay online, he can pay by credit card.

* **Contact Module**

In this module user can able to contact with seller after get the authentication by the admin the side .

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**Data Flow Diagram**

MODULES

**ADMIN**

FALSE

LOGIN

RESTRICT VIEWS AND USER IF REQUIRED

TRUE

DELETE COMMENTNT

ADD USER

ADD POST

REMOVE USER

REMOVE POST

**NON-REGISTERED USER**

CREATE ACCOUNT

SKIP

HOME PAGE

VIEW ADD

BUY

**REGISTERED USER**

CREATE ACCOUNT

LOGIN

BUY

CHAT

HOME PAGE

VIEW ADD

EDIT ADD

CREAT ADD

SELL

PROFILE

DETAILS

NAME

CONTACT

ADDRESS

EMAIL

**Conclusion**

This is to conclude that the project that I undertook was worked upon with a sincere effort. Most of the requirements have been fulfilled up to the mark and the requirements which have been remaining, can be completed with a short extension.

**Future Scope Of Project**

The project made here is just to ensure that this product could be valid in today real challenging world. Here all the facilities are made and tested and checked by your self under your circumstances.

Currently the system works for limited number of administrators to work. In near future it will be extended for many types of policies so that efficiency can be improved