

INDUSTRIAL TRAINING

REPORT

ON

WEB-DEVELOPMENT

A Report By : Rohan Suresh Bedage

Enrollment Number : 194093

Class : DCP TY

TRAINING CERTIFICATE

INTERNSHALA TRAININGS

Certificate of Training

Rohan Bedage,

student of Cusrow Wadia Institute of Technology , Pune, has successfully completed a six weeks online training on **Web Development** from 7th June, 2020 to 19th July, 2020. The training consisted of HTML & CSS, Bootstrap, SQL and PHP modules. Rohan scored 100% marks in the final assessment and is a top performer in the training. We wish Rohan all the best for the future.



Sarvesh Agrawal
Founder & CEO, Internshala

Date of certification: 2020-07-22

Certificate no. : 8F86A4D0-8B2E-506D-B89D-978BF67DF18D

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

ACKNOWLEDGEMENT

The successful completion of this course mark the beginning of an ever - going learning experience of converting ideas and concepts into real life, practical systems. This course was quite a learning experience for me at each and every step. At the same time it has given me confidence to work in professional setup. I feel the experience gained during the course will lead me to gain a bright prospect in the future. First of all I would like to give thanks to Training Department of Internshala , for giving such a great And Particular Knowledge And With the deep sense of gratitude, I express my sincere thanks to Mr. Vikram Shah , for his active support and continuous guidance without which it would have been difficult for me to complete this course.I will also like to the other working staff teachers at Internshala for giving valuable suggestions and helping me directly or indirectly to complete this course.

Web-Development

Abstract

Web development is the work involved in developing a Web site for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services. A more comprehensive list of tasks to which Web-development commonly refers, may include Web engineering, Web design, Web content development, client liaison, client-side/server-side scripting, Web server and network security configuration, and e-commerce development. Among Web professionals, "Web development" usually refers to the main non-design aspects of building Web sites: writing markup and coding. Web development may use content management systems (CMS) to make content changes easier and available with basic technical skills. There are many open source tools for Web development such as BerkeleyDB, GlassFish, LAMP (Linux, Apache, MySQL, PHP) stack and Perl/Plack. An ever-growing set of tools and technologies have helped developers build more dynamic and interactive Web sites.

Vision

We are a technology company on a mission to equip students with relevant skills & practical exposure through internships and online training. Imagine a world full of freedom and possibilities. A world where you can discover your passion and turn it into your career. A world where your practical skills matter more than your university degree. A world where you do not have to wait till 21 to taste your first work experience (and get a rude shock that it is nothing like you had imagine it to be). A world where you graduate fully assured, fully confident, and fully prepared to stake claim on your place in the world .

The Evolution of Web Development

(1995-2000)

Once the novelty of simply having a website wore off, it was time to get serious about effective design. The evolution of web design and development that occurred from 1995 to 1998 would drastically change the history of web design.

Enter JavaScript. This is where design began to differentiate from development, as Javascript was the first programming language that could add motion to static websites with interactive effects.

HTML 2.0 was released in 1995, supporting graphics, forms, tables, and more. This gave developers more creative liberties in page organization.

As tools for design and development became more sophisticated, web users began to expect more from their online experiences. As a result, Apple coined the term, “User Experience” at a computer systems conference.

In 1996, Cascading Style Sheets (CSS) became available and directed the display and style of HTML coded design elements like colour, layout, and typography. HTML and CSS were a power duo, but CSS would eventually replace HTML tables with the exception of data requiring true tabular layout.

Web animation was next to the stage, and Macromedia Flash 1.0 took the web by storm. But it was not without its faults. Animations could only run if a website was equipped with the Flash plugin extension, otherwise the animation would show up blank. This posed a significant problem for websites built entirely on Flash. In addition,

the heavy lifting that was required behind the scenes to bring the animations to life also meant slower page loading.

Downfalls aside, Flash ushered in an era of page improvement through movement. It served the web well, and played a significant role in the history of web design. That role, however, will come to an end December 31, 2020, when Adobe will cease support of Flash and the Windows Update will remove Flash from all browsers.

In 1998, Stanford PhD students Larry Page and Sergey Brin launched Google Beta as part of a research project that explored indexing page results based on relevant search terms. Page and Brin could not have known the magnitude of what they had just created and how Google would influence and change both the internet and web designing.

As Google became a major search engine, the term “Search Engine Optimization” began to be thrown around, and businesses sought ways to improve their rank.

Interestingly, because Flash animation required a plugin extension to work, it was (and mostly still is) invisible to Google.

Web capability was growing and ecommerce and online payments now allowed businesses to shift analog payment processes to digital. Paypal (which was actually named Confinity for the first two years), launched in 2000 and established itself as a front runner in online transactions.

Mission

The mission of Internshala - Web Design and Development Course is to create innovative products and deliver unique services which process quality and customer satisfaction to add value to your business. Our dedicated teams especially focus on the needs and requirements of the clients to build strong and long-term relations. With the aim to meet the clients demands, our teamwork to bring successful growth for various businesses . the heavy lifting that was required behind the scenes to bring the animations to life also meant slower page loading.

Procedural Work Done in Course

Date	Work Performed
7-June-2020	Course Started .
7 - June-2020	Started 1st Module ie . HTML & CSS .
15-June-2020	Submitted The Assignment Of . First Module .
15-June-2020	First Module Completed .
15-June-2020	Started 2nd Module ie.Bootstrap .
25-June-2020	Submitted The Assignment Of Second Module.
25-June-2020	Second Module Completed.
25-June-2020	3rd Module Started . Ie. SQL
5-July-2020	Submitted The Assignment Of Third Module.
5-July-2020	Third Module Completed.
5-July-2020	4th Module Started . Ie. PHP
11 -July-2020	Submitted The Assignment Of Fourth Module.
11 -July-2020	Fourth Module Completed
11 -July - 18 -July	Revised all terms in the Every Module & getting ready For Final Test .
19-July-2020	Appeared for the Final Test .

Detailed About This Course

1st . Module ie . HTML & CSS

Introduction :

HTML (HyperText Mark-Up Language) is what is known as a "mark-up language" whose role is to prepare written documents using formatting tags. The tags indicate how the document is presented and how it links to other documents. The World Wide Web (WWW for short), or simply the Web, is the worldwide network formed by all the documents (called "web pages") which are connected to one another by hyperlinks. Web pages are usually organised around a main page, which acts as a hub for browsing other pages with hyperlinks. This group of web pages joined by hyperlinks and centred around a main page is called a website. The Web is a vast living archive composed of a myriad of web sites, giving people access to web pages that may contain formatted text, images, sounds, video, etc.

Versions Of HTML:

HTML was designed by Tim Berners-Lee, at the time a researcher at CERN (Chinese Ecosystem Research Network), beginning in 1989. He officially announced the creation of the Web on Usenet in August 1991. However, it wasn't until 1993 that HTML was considered advanced enough to call it a language (HTML was then symbolically christened HTML 1.0).

RFC 1866, dated November 1995, represented the first official version of HTML, called HTML 2.0. After the brief appearance of HTML 3.0, which was never officially released, HTML 3.2 became the official standard on January 14, 1997. The most significant changes to HTML 3.2 were the standardization of tables, as well as many features relating to the presentation of web pages.

On December 18, 1997, HTML 4.0 was released. Version 4.0 of HTML was notable for standardizing style sheets and frames. HTML version 4.01, which came out on December 24, 1999, made several minor modifications to HTML 4.0.

Example- <HTML>

```
<HEAD>
</HEAD>
<BODY>
<H5> THIS IS AN EXAMPLE </H5>
</BODY>
</HTML>
```

Module 1.2 .

What Is CSS ?

- CSS stands for Cascading Style Sheets.
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media .
- CSS saves a lot of work. It can control the layout of multiple web pages all at once
- External stylesheets are stored in CSS files.
- CSS describes how HTML elements should be displayed.
- CSS Saves a Lot of Work! The style definitions are normally saved in external .css files.
- With an external stylesheet file, we can change the look of an entire website by changing just one file!
- CSS can be either external or internal.

CSS Syntax:

A CSS rule-set consists of a selector and a declaration block:

CSS selector: The selector points to the HTML element you want to style.

The declaration block contains one or more declarations separated by semicolons.

Each declaration includes a CSS property name and a value, separated by a colon.

A CSS declaration always ends with a semicolon, and declaration blocks are surrounded by curly braces.

The External CSS can be declared in the required HTML page as:

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

The External CSS file is saved by using the .css extension ,whereas the internal CSS is saved in

corresponding HTML file using the <style> tag. Using External CSS is much better than using

Internal . Here are a few reasons this is better.

- Easier Maintenance
- Reduced File Size
- Reduced Bandwidth
- Improved Flexibility

2nd . Module ie . Bootstrap

What is Bootstrap :

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

History About Bootstrap

Bootstrap, originally named Twitter Blueprint, was developed by Mark Otto and Jacob Thornton at Twitter as a framework to encourage consistency across internal tools. Before Bootstrap, various libraries were used for interface development, which led to inconsistencies and a high maintenance burden. According to Twitter developer Mark Otto:

A super small group of developers and I got together to design and build a new internal tool and saw an opportunity to do something more. Through that process, we saw ourselves build something much more substantial than another internal tool. Months later, we ended up with an early version of Bootstrap as a way to document and share common design patterns and assets within the company.

After a few months of development by a small group, many developers at Twitter began to contribute to the project as a part of Hack Week, a hackathon-style week for the Twitter development team. It was renamed from Twitter Blueprint to Bootstrap, and released as an open source project on August 19, 2011. It has continued to be maintained by Mark Otto,

Jacob Thornton, and a small group of core developers, as well as a large community of contributors.

Bootstrap 2 :

On January 31, 2012, Bootstrap 2 was released, which added built-in support for Glyphicons, several new components, as well as changes to many of the existing components. This version supports responsive web design, meaning the layout of web pages adjusts dynamically, taking into account the characteristics of the device used (whether desktop, tablet, or mobile phone).

Bootstrap 3 :

On August 19, 2013, Bootstrap 3, was released. It redesigned components to use flat design and a mobile first approach. Bootstrap 3 features new plugin system with namespaced events. Bootstrap 3 dropped Internet Explorer 7 and Firefox 3.6 support, but there is an optional polyfill for these browsers.

Bootstrap 4 :

Mark Otto announced Bootstrap 4 on October 29, 2014. The first alpha version of Bootstrap 4 was released on August 19, 2015. The first beta version was released on 10 August 2017. Mark suspended work on Bootstrap 3 on September 6, 2016, to free up time to work on Bootstrap 4. Bootstrap 4 was finalized on January 18, 2018.

Significant changes include:

Major rewrite of the code Replacing Less with Sass
Addition of Reboot, a collection of element-specific CSS changes in a single file, based on Normalize
Dropping support for IE8, IE9, and iOS 6
CSS Flexible Box support Adding navigation customization options Adding responsive spacing and sizing utilities

Switching from the pixels unit in CSS to root ems Increasing global font size from 14px to 16px for enhanced readability Dropping the panel, thumbnail, pager, and well components Dropping the Glyphicons icon font Huge number[quantify] of utility classes

Improved form styling, buttons, drop-down menus, media objects and image classes Bootstrap 4 supports the latest versions of the Google Chrome, Firefox, Internet Explorer, Opera, and Safari (except on Windows). It additionally supports back to IE10 and the latest Firefox Extended Support Release (ESR).

Bootstrap 5 Beta

Bootstrap 5 Alpha was officially released on 16 June 2020.

Version 5 Beta is currently the latest version of the package which launched on 7 December 2020.

The Advantages of Bootstrap Development are:

1. Fewer Cross browser bugs
2. A consistent framework that supports major of all browsers and CSS compatibility fixes
3. Lightweight and customizable
4. Responsive structures and styles
5. Several JavaScript plugins using the jQuery
6. Good documentation and community support
7. Loads of free and professional templates, WordPress themes and plugins
8. Great grid system

The Disadvantages of Bootstrap are:

1. There will be requirement of lots of style overrides or rewriting files that can thus lead to a lot of time spent on designing and coding the website if the design tends to deviate from the customary design used in Bootstrap.
2. You would have to go the extra mile while creating a design otherwise all the websites will look the same if you don't do heavy customization.
3. Styles are verbose and can lead to lots of output in HTML which is not needed.
4. JavaScript is tied to jQuery and is one of the commonest library which thus leaves most of the plugins unused.
5. Non-compliant HTML.

3rd . Module ie . SQL

MYSQL: MySQL (My S-Q-L, or "My sequel") is a relational database management system (RDBMS) which has more than 6 million installations. MySQL stands for "My Structured Query Language". The program runs as a server providing multi-user access to a number of databases. 8.1 Uses: MySQL is used in web applications and acts as the database component of the LAMP software stack. Its popularity for use with web applications is closely tied to the popularity of PHP, which is often combined with MySQL. Several high-traffic web sites (including Flickr, Facebook, Wikipedia, Google (though not for searches), Nokia, Auctionmarts and YouTube) use MySQL for data storage and logging of user data.

Features :

- A broad subset of ANSI SQL 99, as well as extensions
- Cross-platform support
- Stored procedures
- Triggers
- Cursors
- Strict mode
- Updatable Views
- Query caching
- Sub- SELECTs (i.e. nested SELECTs)
- Replication with one master per slave, many slaves per master, no automatic support for multiple masters per slave.

4th . Module ie . PHP

PHP is a open source, interpreted and object-oriented scripting language i.e. executed at server side. It is used to develop web applications (an application i.e. executed at server side and generates dynamic page).

- PHP stands for HyperText Preprocessor
- PHP is a server side scripting language.
- PHP is an interpreted language, i.e. there is no need for compilation.
- PHP is an object-oriented language.
- PHP is an open-source scripting language.
- PHP is simple and easy to learn language.

History of PHP :

PHP (PHP: Hypertext Preprocessor) was created by Rasmus Lerdorf in 1994. It was initially developed for HTTP usage logging and server-side form generation in Unix.

PHP 2 (1995) transformed the language into a Server-side embedded scripting language. Added database support, file uploads, variables, arrays, recursive functions, conditionals, iteration, regular expressions, etc.

PHP 3 (1998) added support for ODBC data sources, multiple platform support, email protocols (SNMP,IMAP), and new parser written by Zeev Suraski and Andi Gutmans .

PHP 4 (2000) became an independent component of the web server for added efficiency. The parser was renamed the Zend Engine. Many security features were added. PHP 5 (2004) adds Zend Engine II with object oriented programming, robust XML support using the libxml2 library, SOAP extension for interoperability with Web Services, SQLite has been bundled with PHP.

Features of PHP:

There are given many features of PHP.

- Performance: Script written in PHP executes much faster than those scripts written in other languages such as JSP & ASP.
- Open Source Software: PHP source code is free available on the web, you can developed all the version of PHP according to your requirement without paying any cost.
- Platform Independent: PHP are available for WINDOWS, MAC, LINUX & UNIX operating system. A PHP application developed in one OS can be easily executed in other OS also.
- Compatibility: PHP is compatible with almost all local servers used today like Apache, IIS etc.
- Embedded: PHP code can be easily embedded within HTML tags and script.

PHP/ MYSQL : WEB APPLICATION DEVELOPMENT

PHP and MySQL are two leading open-source scripting and database technologies for web designers today. They run on both linux and windows servers so your web host most likely supports it. With the advent of PH5, PHP language has evolved to be an object oriented programming language enabling more robust and standards based web applications.. Community websites leverage both PHP and MySQL to build rich database driven dynamic and interactive websites and website applications. Our services include PHP and MySQL web development, open source shopping carts, PHP, MySQL offshore development and PHP programming services. We have a team of experienced coders dedicated to work on any php/mysql project and have it delivered on time, per your specifications. PHP (or PHP Hypertext Preprocessor) is a server-side scripting language that is used to create dynamic web pages that can interact with databases. It is a widely-used open source language that is specifically used for web application development and can be embedded within HTML.

Internshala Web-development Project

The Project entitled "Gaming Store (G-Store) " is an Online Website developed in PHP LANGUAGE using HTML,CSS, Bootstrap ,Sql etc. The main aim of "Gaming Store" is to provide High Class Gaming Products to users. It maintains the details of addition of new customers ,Categories, products , and also updating, deletion for the same. It also stores the pending/delivered order details in user order history with date and time generated by customer and payments made by them with all Payments details like POD/credit card/Digital Pay. It also provides the feature of resetting the User Password .

Working Of Project :

User Class and Characteristics:

There are 2 types of user of this website -

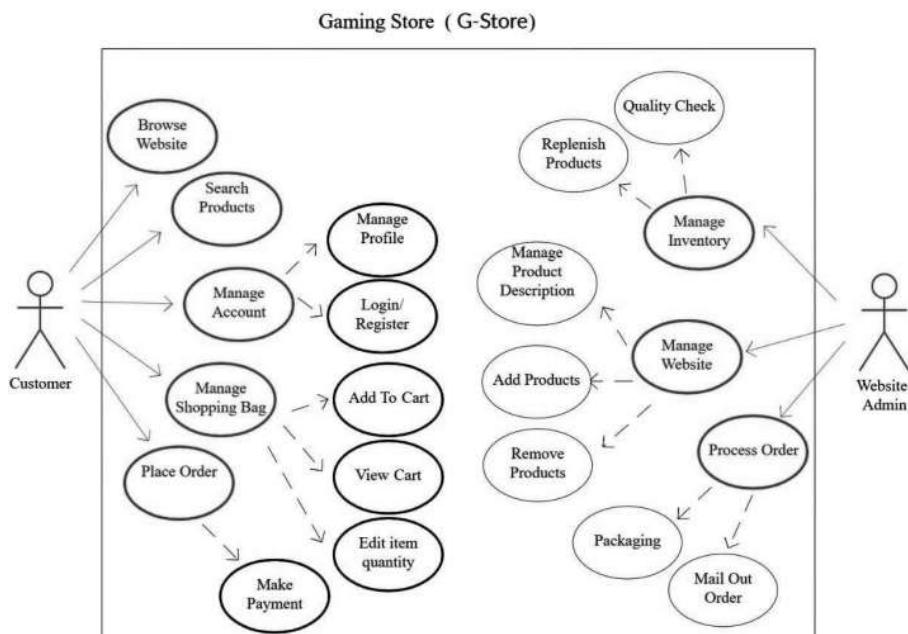
1. Customers
2. Administrator

1. General Customer can use the system to see the product ,their prices and also using for viewing and buying the products.
2. Administrator can add, edit & delete products and provide service to the customer. Administrator also edit and delete users and maintaining the deliveries .

REQUIREMENTS :

FUNCTIONAL REQUIREMENTS

1. Registering and managing the Online Shopping System .



U1: Register User and Admin :

In this project registration is provided for admin for viewing and managing the Gaming Store System. Users and admin have different functionalities, prior to Registration they can view products.

Mainline Sequence

1. User: View the home page for selecting a particular product based on category.
2. System: Redirect user to registration page and login page
- 3 Admin: Manage the details of products.

U2: Select List and provide the appropriate options After the registration of user and admin they have been provided various options .

After the registration of the user and admin they have been provided various options.

Mainline Sequence

1. System: Display the particular Product details after selecting it .

1.2 Admin registration and further details After admin has registered redirection is given to login page and various option are display to admin such as Add product, remove product and manage customer related information.

1.3 User registration and further details After user has registered redirection is given to login page and various option are display to user such as select product category, select subcategory etc.

1.4 Selecting Category After the particular product category has been selected various option displayed to customer like subcategory, description, and price.

Non Functional Requirements.

Efficiency :

Efficiency tests the amount of resources required by a program to perform a specific function. In software companies, this term is used to show the effort put in to develop the application and to quantify its user-satisfaction.

Performance :

The term performance engineering encompasses more than just the software and supporting infrastructure, and as such the term performance engineering is preferable from a macro view. Adherence to the non-functional requirements is also validated postdeployment by monitoring the production systems .

Control :

The complete control of the project is under the hands of an authorized person who has the password to access this project

and illegal access is not supposed to deal with. All the control is under the administrator and the other members have the rights to just see the records not to change any transaction or entry .

Security :

The complete control of the project is under the hands of an authorized person who has the password to access this project and illegal access is not supposed to deal with. All the control is under the administrator and the other members have the rights to just see the records not to change any transaction or entry.

Other Requirements

HARDWARE

Processor : Pentium 2.4 GHz or above

Memory : 256 MB RAM or above

Cache Memory : 128 KB or above

Hard Disk : 10 GB or above [at least 3 MB free space required]

SOFTWARE

Operating System : Windows

Front-End Tool : HTML , BOOTSTRAP .

Back-End : MySQL

System Design

What is a Methodology?

Software engineering is carried out by using preferred procedure techniques to progress the quality of a software development effort. A methodology is defined as a collection of procedures, techniques, tools, and documentation aids which will help developers in their efforts (both product and process related activities) to implement a new system. For successful implementation, a well-organized and systematic approach is crucial. Therefore, several methodologies were developed to encourage the systematic approach to planning, analysis, design, testing and implementation. Methodologies offer various tools and techniques to assist in analysis, design and testing in terms of detailed design of software, data flowcharts and database design.

Why Methodology?

1. To complete a project within time and budget with the expected scope and quality we need methodologies which provide for a framework.
2. Most methodologies have a general planning, developing and managing stages in common. They suggest the development team the ways of thinking, learning and arriving at a regular feasible solution.

To select an ideal methodology was based on project requirements and goals.

Functional Decomposition :

The methodology should have stages according to the interrelated activities which can be grouped into different functional areas.

Requirement Changes :

If required, methodology provides scope to change the requirement.

Manage Risks :

Determined the risk is an important activity to develop a project. Iterative approach: Iteration allows refinement of requirement as well as design.

Documentation :

Methodology provides support for large documentation.

Analysis and Design Support :

A well-defined structure of the methodology helps for analysis and designing to development process..

Implementation :

The system should be implemented as per plan.

Testing Support: More testing, more reliable the product is.

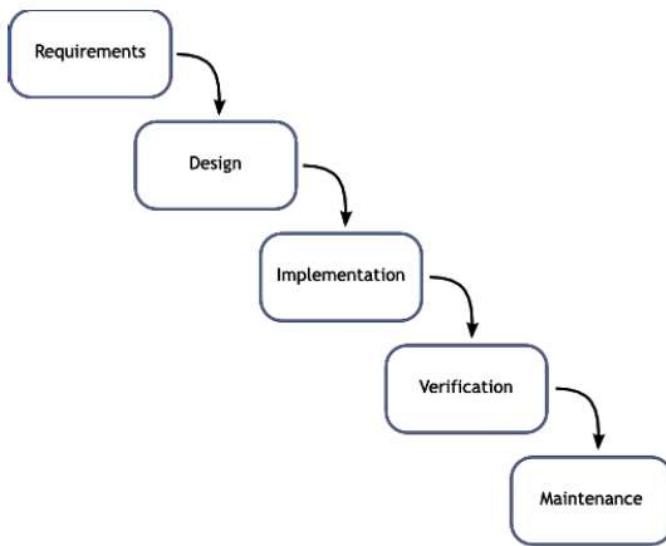
Object Oriented Approach :

Object oriented concepts will be used in developing the project as it supports component reusability

Suitable Methodologies:

Waterfall Methodology

All projects can be managed better when segmented into a hierarchy of chunks such as phases, stages, activities, tasks and steps. It follows a linear structure starting from requirement analysis, through design, implementation and maintenance. Most widely accepted methodology for student projects, this model has been well tried and tested. Each phase of it has sub phases which produce deliverables. Requirements are fixed at initial stages before proceeding with development plans in system development projects; the simplest rendition of this is called the "waterfall" methodology, as shown in the following figure:



Waterfall model

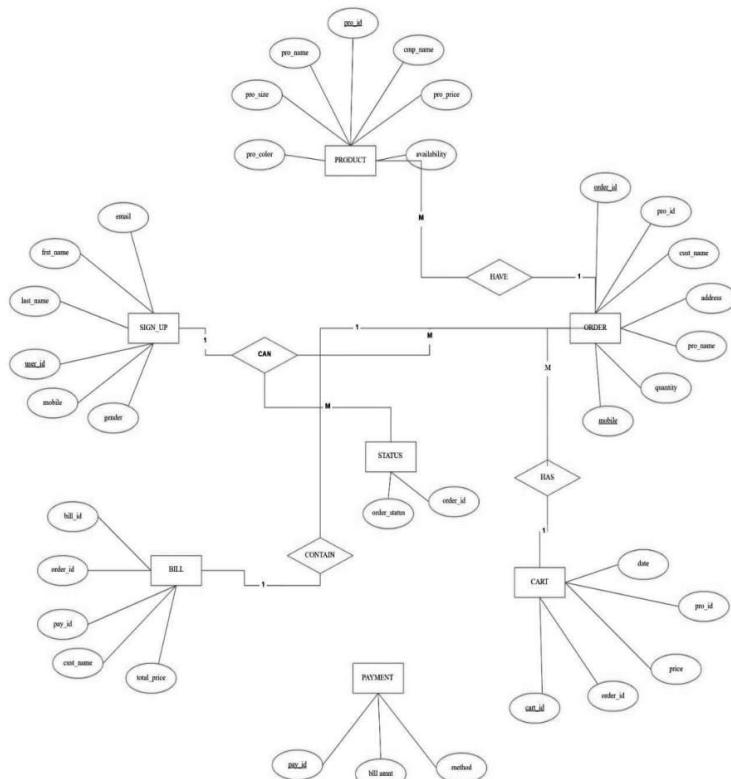
The graphic illustrates a few critical principles of a good methodology :

Work is done in stages,

Content reviews are conducted between stages,

and Reviews represent quality gates and decision points for continuing.

The waterfall provides an orderly sequence of development steps and helps ensure the adequacy of documentation and design reviews to ensure the quality, reliability, and maintainability of the developed software. While almost everyone these days disparages the "waterfall methodology" as being needlessly slow and cumbersome, it does illustrate .

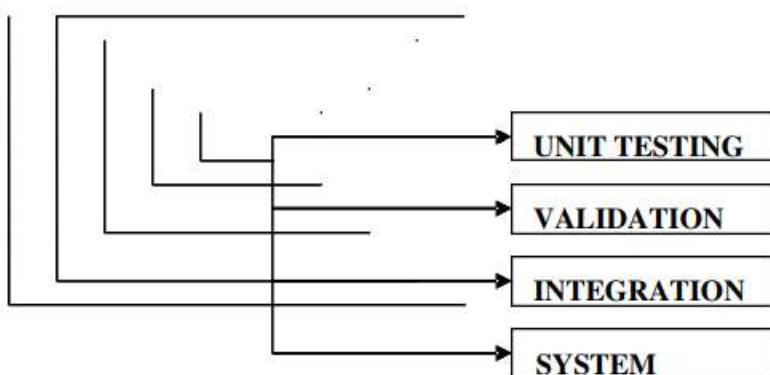


TESTING PHASE

One of the purposes of the testing is to validate and verify the system. Verification means checking the system to ensure that it is doing what the function is supposed to do and Validation means checking to ensure that system is doing what the user wants it to do.

No program or system design is perfect; communication between the user and the designer is not always complete or clear, and time is usually short. The result is errors and more errors. Theoretically, a newly designed system should have all the pieces in working order, but in reality, each piece works independently. Now is the time to put all the pieces into one system and test it to determine whether it meets the user's requirements. This is the best chance to detect and correct errors before the system is implemented. The purpose of system testing is to consider all the likely variations to which it will be subjected and then push the system to its limits. If we implement the system without proper testing then it might cause the problems.

LEVELS OF TESTING :



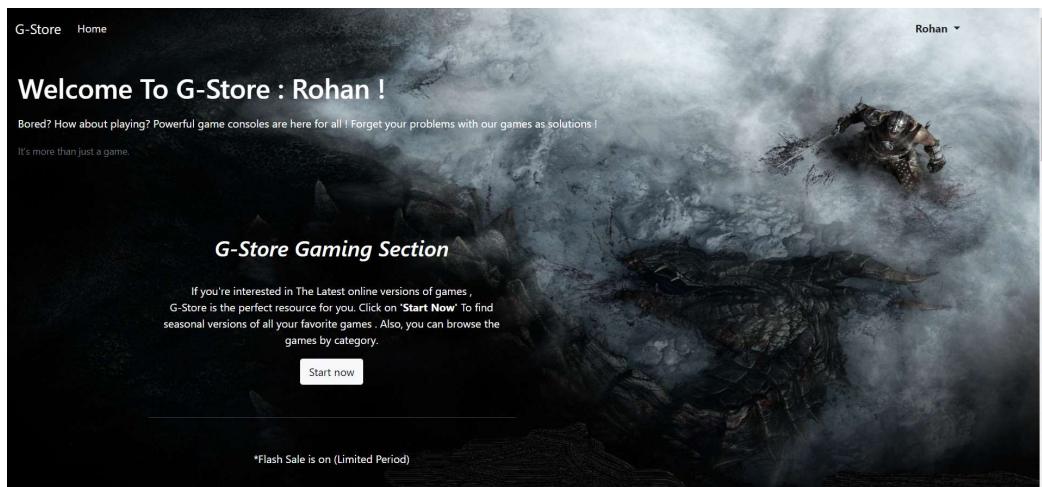
TEST REPORT

SR-NO	TEST CASE	EXPECTED RESULT
1	User Login Page	Redirected to Next page and show list of products
2	Selecting core categories	Selection core categories based on its subcategories are displayed.
3	User add to cart page	Displays options such as add to cart, remove from cart.
4	Admin page	Displays options such as add product, remove product and manage cart.
5	View Customer Details	Admin can view the basic Customer Details.
6	Sign in Page (Registration)	All Fields should be displayed dynamically, filled for submission and redirected to login page.
7	View Home Page	Without login user can only view Home page

DESIGN OF WEBSITE

1: FROM USER SIDE

Index Page :



*Flash Sale is on (Limited Period)

Presenting The Special Edition of Current Time Gaming Blogs

G-Blog

Click On Below Link To Find More About Your Favourite Games !

[Visit G-Blog](#)

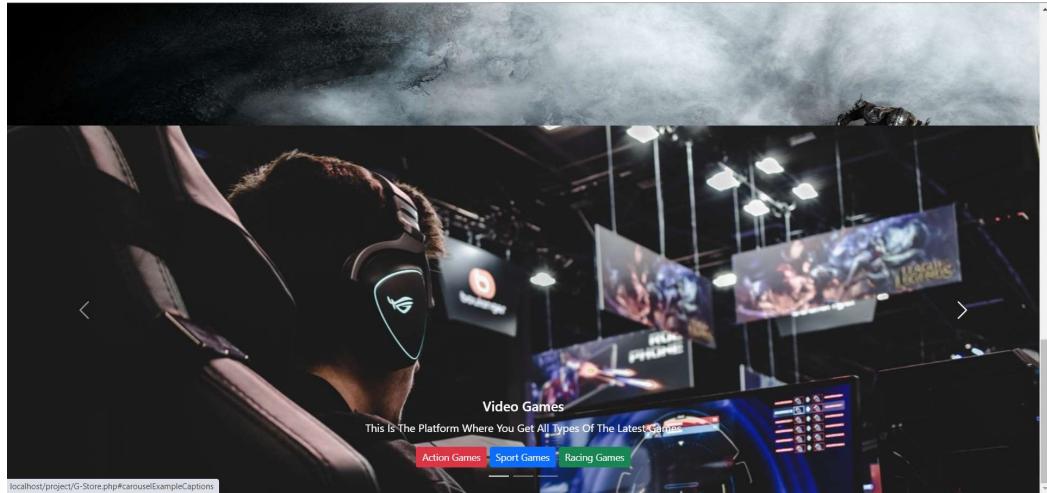
Click On Below Link To Find More About Your Favourite Games !

[Visit G-Blog](#)

Official G-Store

Introducing The Roaring Graphics ,
Massive Screens , Overclocked Processors & Incredible Designed CPU'S
& More on One Platform

[Visit G-Store](#)



Sign Up Page:

Sign up

Name

Email

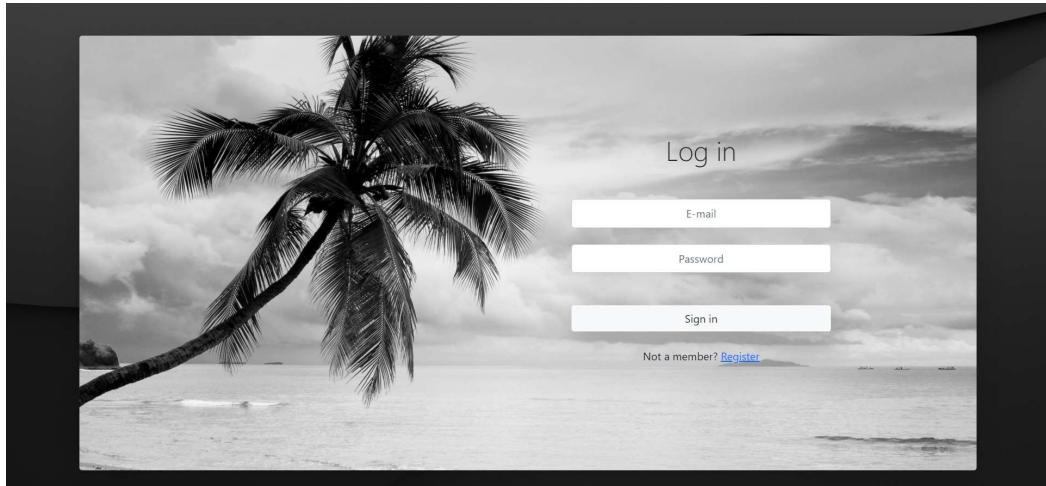
+91 90000 00000

Password

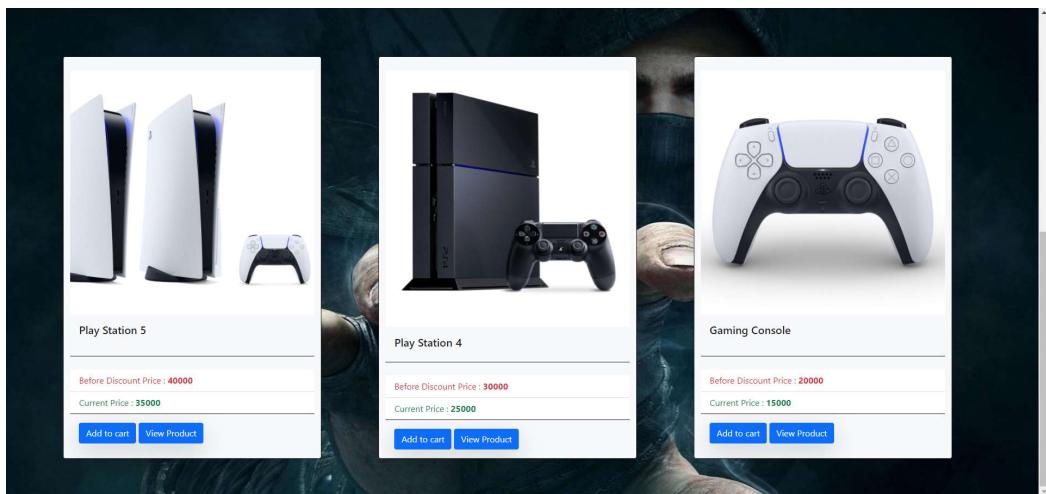
Sign in

Already Have an Account? [Login](#)

Login Page :



Product Page :



Category/Subcategory Page :



Product Detail Page :

The image shows a detailed view of a product page for the PlayStation 5. At the top, there is a large thumbnail image of the console and a controller. To its right, product details are listed: 'PlayStation 5', 'Availability : In Stock', 'Product Brand : Sony', and 'Shipping Charge : 100'. Below this, the section title 'Product images' is centered above three smaller thumbnail images. Each thumbnail has a caption below it: 'Product image 1', 'Product image 2', and 'Product image 3'. At the bottom, the section title 'Product Description' is centered, followed by the text 'PlayStation is One Of The Popular Gaming Console'.

Cart Page :

G-Store [Gaming Products](#) [MyCart](#)

Play Station 5

Product Price : **Rs 35000.00**
Shipping Charge : **Rs 100.00**

Update Quantity :

Grand Total : **35100.00**

[Update Product](#)

[Remove Product](#)

PRICE DETAILS

Your Total Amount of Bill Is Rs. **35100.00/-**

[PROCEED TO CHECKOUT](#)

Final Confirmation Page :

Home My Account Back To Cart

Confirm Your Address

Before Proceed to checkout Please Confirm Your Address !



Billing Address	Shipping Address
Billing Address	Shipping Address
Viman Nager , Nagar road ,Pune	Viman Nager , Nagar road ,Pune
Billing State *	Shipping State *
maharashtra	maharashtra
Billing City *	Shipping City *
Pune	Pune
Billing Pincode *	Shipping Pincode *
416405	416405
Update	Update

Choose Your Payment Method

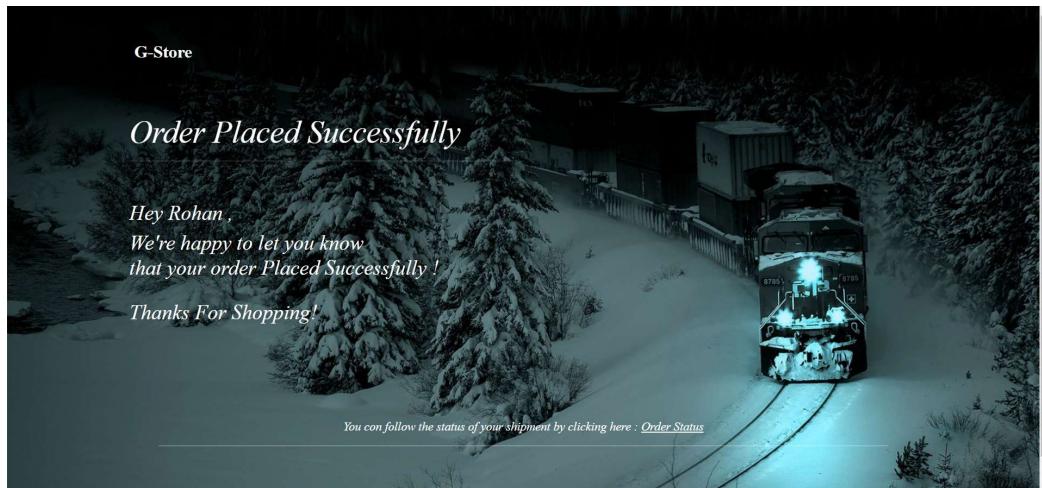
COD

Internet Banking

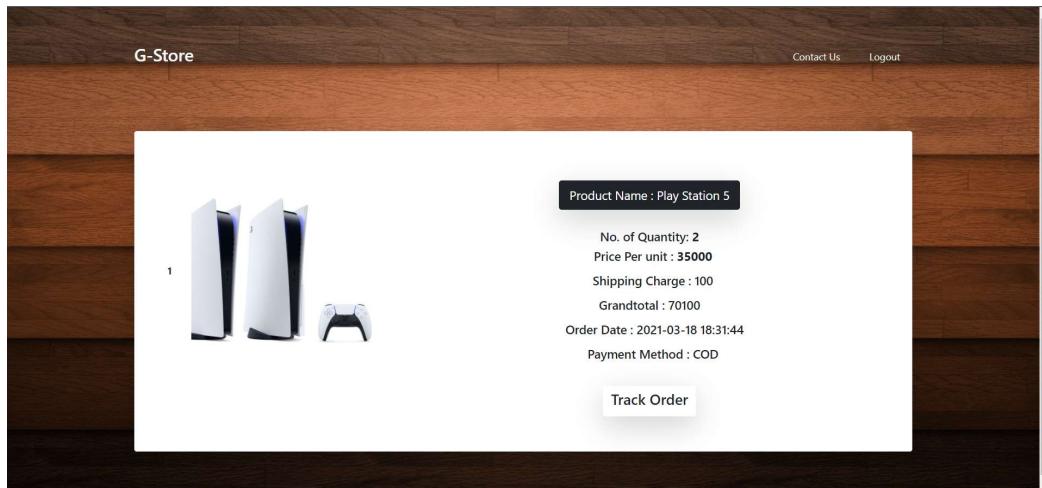
Debit / Credit card

submit

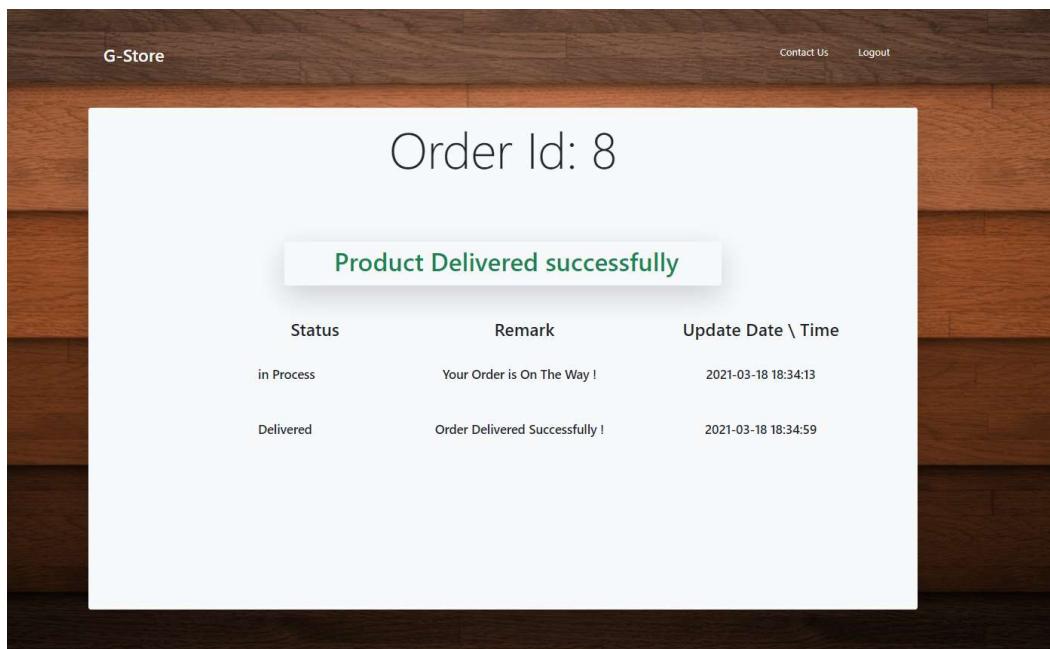
Thank Note Page :



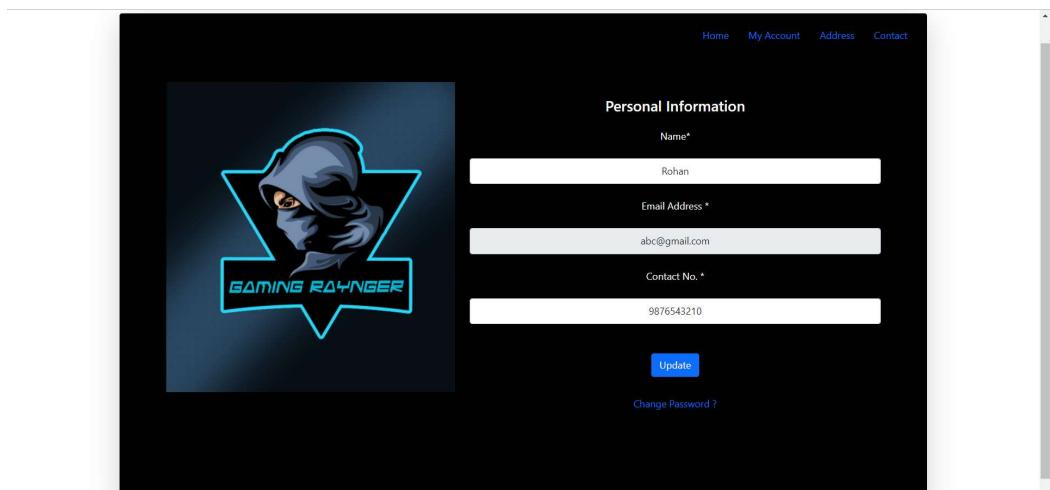
Order History Page :



Order Status Page :



My Account Page :



Billing/Shipping Address Page :



Home My Account Address Contact

Billing Address / Shipping Address

Shipping Address*

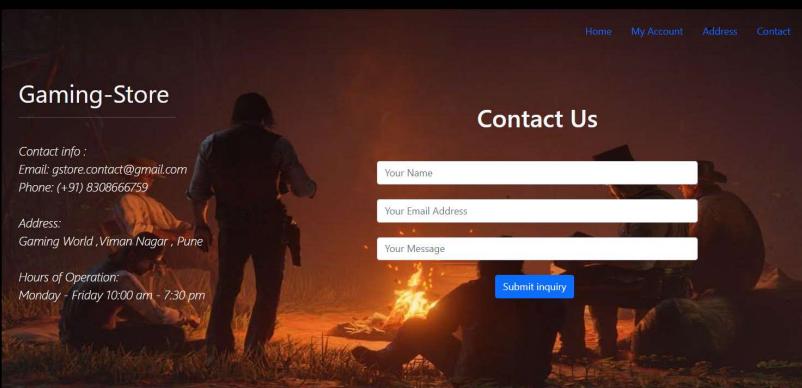
Shipping State *

Shipping City *

Shipping Pincode *

Update

Contact Us Page :



Home My Account Address Contact

Gaming-Store

Contact info :
Email: gstore.contact@gmail.com
Phone: (+91) 8308666759

Address:
Gaming World ,Viman Nagar , Pune

Hours of Operation:
Monday - Friday 10:00 am - 7:30 pm

Contact Us

Your Name

Your Email Address

Your Message

Submit Inquiry

2 : FROM ADMIN SIDE

Add Product Page :

G-Store

Insert Product Category User Logs Admin Logout

Insert Product Manage Products

Insert Product

Category	Sub Category
Select Category	
Product Name	Product Company
Enter Product Name	Enter Product Company Name
Product Price Before Discount	Product Price After Discount(Selling Price)
Enter Product Price	Enter Product Price
Product Description	
Enter Product Description	
Product Shipping Charge	Product Availability
Enter Product Shipping Charge	Select

Add Product Images

Product Image1	Product Image2	Product Image3
Choose File No file chosen	Choose File No file chosen	Choose File No file chosen
Insert		

Manage Product Page :

G-Store

Insert Product Category User Logs Admin Logout

Insert Product Manage Products

Manage Products

#	Product Name	Category	Subcategory	Company Name	Product Creation Date	Action
1	Play Station 5	Gaming Products	PlayStation Console	Sony	2021-03-18 18:25:53	<button>Edit</button> <button>Delete</button>
2	Play Station 4	Gaming Products	PlayStation Console	Sony	2021-03-18 18:29:04	<button>Edit</button> <button>Delete</button>
3	Gaming Console	Gaming Products	PlayStation Console	Sony	2021-03-18 18:30:01	<button>Edit</button> <button>Delete</button>

Order Update Page :

View All Users Pending Orders Delivered Orders Disabled

Update Order !

order Id: #

Update The Status
Open this select menu

Write The Remark:

Update Records!

Frequently Used Remarks

Your order has been dispatched from the G-Store facility / Your Order is On The Way !

Your item has been received in the hub nearest to you / Order Delivered Successfully !

Add Category Page :

G-Store

Insert Product Category User Logs Admin Logout

Add Categories All Categories Subcategory Sub Category Names

Create Category

Category Name

Description

Create

Users Information Page :

G-Store

Insert Product Category User Logs Admin Logout

View All Users Pending Orders Delivered Orders Contact Us

View Users Data

Sr.No	Name	Email	Contact no	Shipping Address	Billing Address	Reg. Date	Delete
1	Rohan	abc@gmail.com	9876543210	Viman Nager , Nagar road ,PunePunemaharashtra 416405	Viman Nager , Nagar road ,PunePunemaharashtra 416405	2021-03-18 14:32:02	<button>Delete</button>

Password Reset Page For Admin :

G-Store

Insert Product Category User Logs Admin Logout

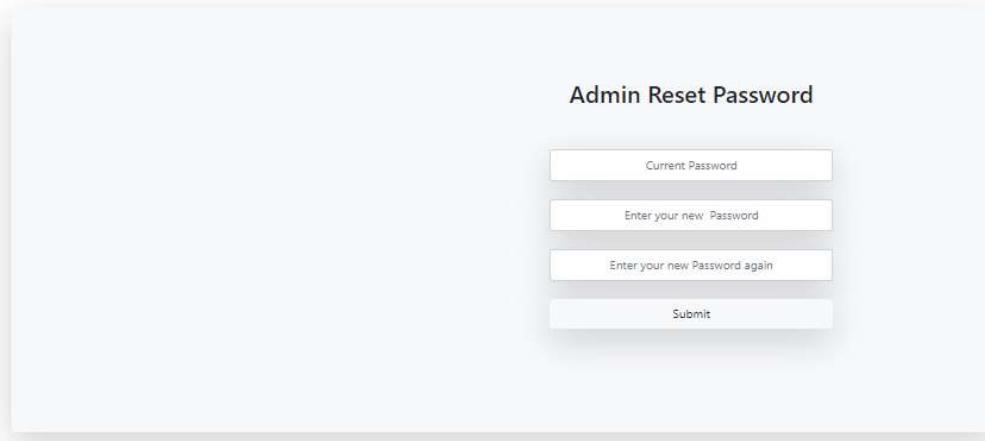
Admin Reset Password

Current Password

Enter your new Password

Enter your new Password again

Submit



Database Page :

phpMyAdmin

Recent | Favorites

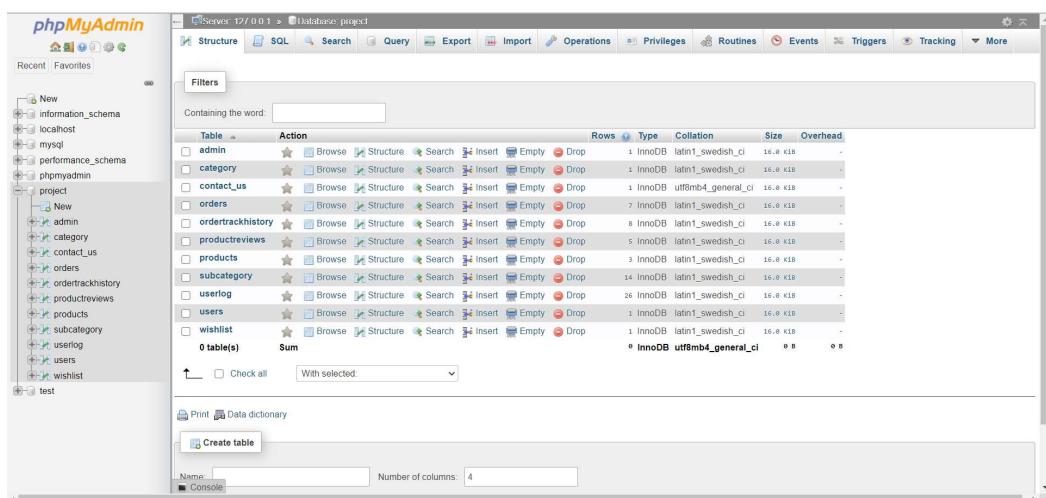
Containing the word:

Action	Rows	Type	Collation	Size	Overhead
Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	14	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	26	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 KIB	-
Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 KIB	-
Sum	0	InnoDB	utf8mb4_general_ci	0 B	0 B

With selected

Create table

Name: Number of columns: 4
Console



Achievement of Course

You'll learn tools to create international standard websites by your own. So this course will help you in taking big leap in your prospective career .

You will discover how does web works really, what makes web sites work.

Simple and impressive design techniques, from basics till advanced to focus on goal oriented and user centric designs.

How to and where to start research, planning for website & actually build excellent web sites. Pro level skills in SEO

with keyword research and content strategy for your website. To create web elements like buttons, banners & Bars and of course complete UI designs. Forms and validations for your website. Setting up page layout, color schemes, contrast,

typography in the designs. Writing valid and concise code for webpages. Best use of social media for revenue generation. Setting up a perfect landing page for business, clients and yourself.

Application Of Web Development

1) Ecommerce :

Ecommerce solutions are becoming highly imperative for businesses and organizations as it gives them a global presence. With eCommerce web development a business can organize a global trade thereby taking its services to international levels. Therefore, an eCommerce website helps a business in getting closer to its clients and understanding their needs and requirements in a better way and helps them attract more potential clients. When it comes to web development. E-Commerce web developers create a number of E-Commerce websites and applications per day to meet the requirements of various businesses, It is easy to launch an

E-Commerce website but to stand out in this immensely competitive arena one should have an outstanding E-Commerce website design in place as a well designed E-Commerce website helps you gain higher business revenue and sales. Consequently, E-Commerce web applications are gaining popularity because of the tremendous flexibility and customization it offers. They are helping businesses to reach their target audience in the most inexpensive way as well as reach customers situated in any location pretty easily. This means that products or services become available to customers or clients 24x7/365 days thereby keeping you in touch with your clients at all times. Since users can avail of your services at any time they wish to, ecommerce development helps in the growth of the entire trading community .

2) Healthcare :

Healthcare web development has become essential to our society As technology gains added capabilities, the healthcare industry cannot afford to ignore their expanding options. Patients expect more simplicity and ease in their healthcare options. Their

world has become smarter, so if their healthcare doesn't also become smarter, they'll hesitate to seek the right care. Fortunately, healthcare web development is bringing some wonderful advances to the world of healthcare Of course, healthcare does have some specific requirements for its web development When it comes to healthcare, a delay could lead to potentially compromising the lives of many Healthcare web apps can facilitate professionals stretching beyond their limits

3) Education :

Educational websites are witnessing a steep rise and are being openly accepted by their audiences. Students, teachers, parents are openly depending upon them for gaining various information including information about various schools/universities, gaining knowledge on various courses offered by the universities, understanding certain topics, completing assignments, etc. The educational institute websites are very important for building up the institutes' presence in the educational world. On the other hand, they provide an easy way out to the students to know about the institute, courses offered, faculty, infrastructure, etc. Before enrolling for colleges students, prefer to have complete knowledge about the institutes. These websites also provide an easy platform to enroll in colleges and school and fill admission forms. Apart from the institutional websites, knowledge sharing websites like Byju's, Meritnation, etc. are widely in use. These websites offer easy to understand platform to students and teachers to learn various concepts. There are a number of knowledge sharing websites where you can find detailed information about various educational topics, be it science, history, language, etc. These websites offer easy access to the content at any time and at any place. The lists of educational websites don't end here. There are educational websites that offer online courses and certification to their students. Students can now sit at home and enrol for various certifications online .

4) Manufacturing :

It's also used in developing the websites for the manufacturing sectors as they can showcase their unique technology and equipment through the websites. It will be easy as they can interact with the customers virtually and save a lot more time for creating other technologies. As of pandemic happened it's really crucial for manufacturing sectors to have a websites or web applications to handle their works as well as data of customers virtually as it will lot more of time and efforts.

Advantages of web app development

- Web apps are developed with programming languages such as HTML and CSS, which are well known among IT professionals.
- Unlike native apps, a single web app is able to reach out to all devices. It's programmed to run on any operating system. It must appropriately adapt to iOS, Android, and Windows Phone — amongst other operating systems.
- These apps run on the device's own web browser through a simple URL.
- They don't need to be downloaded and installed from app stores like Google Play or Apple's App Store. This translates into money-saving since having a direct link through a web app is free.
- They may also open websites. This means that they don't require to be updated in the way common apps do. In this sense, it's the website to which the application is linked that will be updated.
- The most important benefit you can draw off from it is its price. Web app development is the cheaper kind of app development. It consists of creating a link or several links between the application and an URL. Developing a native app or an interpreted app entails a higher cost but its chances to succeed are far greater.
- On the other hand, a web app's development time is lower. Hence it's lower price.

Disadvantages web app development

- As we indicated previously, a single web app is able to reach out to all devices. The website must, of course, be programmed in a way it can be shown regardless of the device's operating system. If it's not a responsive website, you could experience problems when displaying it on iOS, Android, or Windows Phone.
- You will have to spend the money you intended to save developing the application in improving your website. It's of no use to make a web app if you don't adapt your website in a way it can be shown with quality on any device. Let's keep in mind that the updates are done on your website and not on your web app.
- If your website undergoes any kind of issue, your application will be in trouble too. Don't assume that your web app will work perfectly if you don't have a quality corporate website. For example, if the website's URL takes some time to load or if uncomfortable 'cookies' show up when entering the website, accessing it through the application will entail the same issues. The problem is not inherent to your web app. It's rather located in the website's development.
- An Internet connection will be an absolute must to run it. Otherwise, you will not be able to browse the website and the web app will be of no use to you.
- It will also lose visibility as it will not be on display in the stores.
- In addition, there will be some access restrictions as to certain hardware features of the device it's running on.

The Future Of Web Development

The Web Developer bears the responsibility for the coding, design, and layout of the website according to the company's specifications. A website is more important than anything for every business when it comes to reaching clients online. Every business knows today the need to have a website and is trying to design and create the best website to take its products or services online. With incredible progress in launching websites, businesses are searching for people who can build outstanding designs and platforms for their online presence.

Web developers and designers bring their technical skills and experience to the creation and production of exclusive websites capable of attracting the crowd. They are striving to create more reliable sites through all-new frameworks, tools, and advancements.

With the technical expertise widespread today, we are on the road to a technologically transforming future. The technology landscape is evolving with artificial intelligence, computer education, the Internet of Things, and quantum computing. And this is even down to their website relationship. Experts from Clever-Solution evaluated the current patterns, listed the most viable ones, and estimated the time expected for their implementation. Let's explore how more space will be created by web weave, with new trends in web development and new trends that will capture or dominate soon.

Conclusion

The training was interactive and interesting with a good mixture of practical and theory. Knowledge about front end languages and frameworks and backend languages were provided along with doubts solving. The instructor explained everything to the point. I started the web development training as a complete beginner but before long, I was able to build a strong connection between various concepts and work on some interesting projects of my own. Now I can develop websites with awesome designs!

References

<https://getbootstrap.com/docs/5.0/getting-started/>

<https://www.php.net/>

<https://www.javatpoint.com/php-tutorial>

<https://www.javatpoint.com/mysql-tutorial>

<https://www.javatpoint.com/html-tutorial>

<https://www.javatpoint.com/css-tutorial>

<https://www.javatpoint.com/bootstrap-tutorial>

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>

<https://www.w3schools.com/sql/default.asp>

<https://www.w3schools.com/php/default.asp>

<https://www.w3schools.com/bootstrap4/default.asp>