PIET WORKSHOP & TRAINING PORTAL

Shubham Kumar

Rishab Singh Jadon Shantanu Choudhary
Poornima Institute of Engineering and Technology (PIET)

Affiliated by RTU
Rajasthan Technical University Jaipur, Rajasthan, India

Abstract— The issue found is that occasionally students don't know about upcoming seminars, which results in a wasted opportunity to learn new things. The project's goal is to develop a website that would make it easier for college instructors as well as learners to get information about upcoming seminars. The workshop can be scheduled by the coordinator, and attendees can sign up..

Keywords— Editor for Microsoft Visual Studio, HTML, CSS, and the workbench

I.   INTRODUCTION

The PIET Workshop & Training Portal is the name of my project .This website serves as a workshop and training centre where students of any year can participate in workshops. Any section of students can conduct workshops through this platform. On this page, you have two choices. Participant is the first choice on the main page, followed by coordinator .When a user selects the first option, a sing-up page will open, requiring them to provide their email, cellphone number, and password. After this procedure is finished, a message will be sent, which the user must validate before opening and logging into the website. The following page will load once the user logs in using their own password and clicks the login button.General information, a profile, a show workshop, a fill out workshop, attendance, feedback, an important document, a test, and a certificate choice will all be included.

II.   METHODOLOGY

One type of software development technique is agile. Customer satisfaction is its key priority through consistent delivery. Agile places more of an emphasis on constricting the project scope. An agile project establishes a minimal set of criteria and transforms them into deliverables.

Throughout the development lifecycle, the agile development process offers opportunity for evaluating the course of a project. Agile approach is characterised as "iterative" and "incremental" since it emphasises both the functional product they produce and the repeating of condensed work cycles. The development groups working on waterfall projects only get one shot to get each project component properly. The following are some significant words related to it: Scrum Scrum is a framework for managing product development and other processes [4][5].

working knowledge. Scrum is empirical in the sense that it gives teams a way to form a hypothesis about how they believe something should operate, test it out, look back on the lessons learned, and make the necessary improvements. When the structure is correctly applied, that is.

Scrum's organisational design enables teams to use techniques from other frameworks when doing so makes sense in the circumstances of the team.

The scrum master's job is to oversee the team's adherence to the agile ideals, principles, and processes as well as the procedures that everyone in the team has committed to apply[2][3].

III.   TECHNOLOGY APPLLIED

HTML:

HTML (Hyper Text Markup Language): HTML is the most fundamental component of the Internet. It describes the purpose and structure of web content.

To specify a web page's appearance/presentation (css) or functionality/ behavior (JS), other technologies outside HTML are typically utilised.[1][2].The term "hypertext" describes linkages that join online pages together, either inside a single website or between websites. An essential component of the Web are links. You may participate actively in the World Worldwide Web by publishing content online and connecting it to other people's web pages[2][3]

CSS

Cascading Style Sheets (CSS) is a stylesheet language that is used to specify how a page that was authored in HTML or XML is presented[1][3]. CSS specifies how items should be shown in various media, including speech, paper, screens, and other media.

One of the foundational technologies of the open web is CSS, which is standard across all Web browsers in line with the W3C. In the past, different CSS standard components were developed simultaneously, allowing for the versions of the most recent suggestions. Perhaps you are familiar with CSS1, CSS2.1, or perhaps CSS3. There will never be a CSS3 or CSS4, and instead, everything is CSS right now[3][4].

JAVASCRIPT

A simple, interpreted programming language is JavaScript. It is intended for use in network-centric application development. In addition to complementing Java, it also works with it. Because it works together with HTML, JavaScript is relatively simple to use. It is free and platform-independent.Because it is the most widely used programming syntax in the world, Javascript is a fantastic option for programmers. Once you have mastered Javascript, you may use many Javascript-based frameworks, such as jQuery and Node.JS, to create excellent front-end and back-end applications[4][5].

Every current web browser already has Javascript installed, therefore you don't actually need particular circumstances for understanding Javascript. For instance, every modern browser, including Chrome, Firefox, Safari, and others, supports Javascript. Javascript makes it possible to build incredibly attractive and fast websites. You may create a web page with a console-like interface to provide the finest graphical user experience for your visitors[4][5].Today, game development, desktop application creation, and mobile app development all use JavaScript. As a Javascript programmer, this gives you a lot of chances.

PHP

Hypertext Preprocessor is referred to as PHP. This server-side scripting language is employed in the creation of websites. It is simple to embed with HTML files. A PHP file can also contain HTML codes. HTML code is immediately displayed on the browser, whereas PHP code is executed on the server[2][3].HTML includes the server-side programming language PHP. It is used to develop full e-commerce sites as well as manage content that is dynamic, databases, and session monitoring.
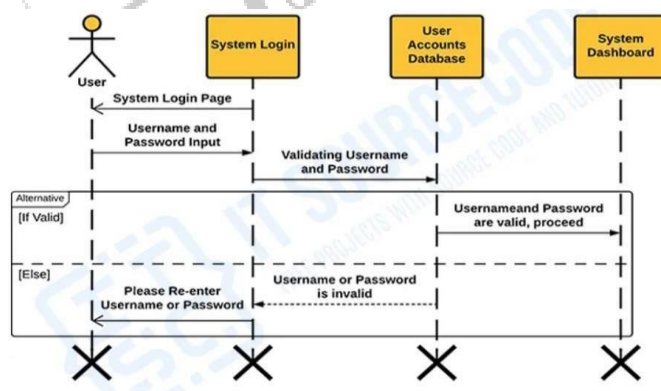
It is connected with several well-known databases, including as MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server tax is C- Like[1][3]

MYSQL

MySQL tutorial explains both fundamental and sophisticated MySQL principles. Both experts and beginners can benefit from our MySQL training[2][3]

Based on the popular language for organising and retrieving database information, Structured Query Language, the MySQL database is a relational database administration system. Under the terms of the GNU license, MySQL is free and open-source software. It has Oracle Company's support. Our MySQL lesson covers every aspect of the MySQL database system, including how to administer a database and handle data using different SQL queries. These queries include those for inserting, updating, deleting, and selecting records as well as those for creating and dropping tables. Additionally, there are MySQL interview questions provided to aid with your understanding of the MySQL database[3][4]

UML DIAGRAM

RESULT

Outcome: Outcome of this project is the Frontend of website is provided into the design and the programming the login page ,home page ,resister page and many other options.

Benefit to students : Nowadays as everything is going in online mode whether it is education, banking or medical and we also see that online workshop related all information like marks

,documents and certificated etc..

Future Scope: This website can be integrated with notification systems so that it can be used for students.

REFERENCES

[1]**https://www.javatpoint.com/mysqltutorial**[2]**https://www.w3schools.com/MySQL/**

[3] **https://www.tutorialspoint.com/mysql/**[4]**https://www.mysql.com/** [5]**https://www.geekyshows.com/**