

DEVELOPMENT OF WEBSITE WITH DYNAMIC FLOW USING OPEN SOURCES

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ABSTRACT

The college website is the most effective medium for students, faculty, and others to learn about the institution. The college website provides essential information to fulfil the needs of many different consumers. The purpose of the college website is to assist students, teachers, staff, and anyone else interested in learning more about the institution. This website offers the study material which are placed in order of branch and year wise. Many students don't have the study materials when they need them, or other branch students are keen to know about the subjects and technologies used in different branches to develop their skills. In addition to the faculty information, we also post the schedule on the website.

KEYWORDS:Dynamic, Web development, Server

1. INTRODUCTION

Over the past ten years, internet usage has grown significantly and quickly. For the majority, if not all, businesses and organizations, websites have emerged as the most significant platform for public communication. Websites are essential for connecting with college students because internet usage is continually expanding. A college's website must be developed in order for people to learn more about the college. Websites are developed using a variety of programming languages, including HTML(Hyper Text Markup Language), CSS(Cascading Style Sheets), JavaScript ,PHP(Hypertext Preprocessor).The key goals of college websites are innovation and simplicity so that everyone can comprehend them. It makes things simple for parents so they don't get confused or have to visit a college for information. Website can be static and dynamic static site shows the substance for what it's worth though unique site changes according to the requirements. In college website dynamic is utilized to schedule occasions transfer

2.RELATED WORK

Web improvement, otherwise called site improvement, refers to the topic related with making, fabricating, and keeping up with sites and web applications that run internet based on a program. It might, in any case, additionally incorporate website composition, web programming, and data set administration.

Web advancement is firmly connected with the gig of planning the elements and usefulness of applications (website composition). The term advancement is typically held for the real development of these things (in other words, the programming of destinations).The essential apparatuses engaged with web improvement are modifying dialects called HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), and JavaScript. There are, notwithstanding, various different projects used to "make due" or work with the development of locales that would somehow or another must be

finished "without any preparation" by composing code. Various substance the board frameworks (CMS) fall into this classification, including WordPress, Joomla!, Drupal, TYPO3, and Adobe Experience Director, among others. Significant benefit of collegewebsite is can access from anyplace and have some familiarity with the school occasions and projects in school which help guardians and understudies to be associated with school

- Contact space for guardians.
- Helpful material.
- Is familiar with the advancements.
- Correspondence turns out to be simple.
- Get to be aware of the open doors.
- To feature the way of life.
- Virtual tour of college

3.PROPOSED METHOD

Proposed framework has more advantages which incorporate undertaking advancements concentrate on material and get to be familiar with the arrangements and potential open doors or understudies. there is no disarray to check the graduated class of school since it gave in the landing page. past clusters experience is additionally essential for this site. occasions and news in the school are shown in the site which help understudies ,guardians ,personnel to know more and refreshed alongside school

3.1 METHODOLOGY

Most important components HTML ,CSS, JavaScript .Users request the PC to access the documents there are 3 distinct records in browsers they are HTML, CSS, JavaScript .To access the site browsers are used .Browser is kind of programming with HTML ,CSS format .There are many sorts of programs like google chrome ,Firefox ,safari .The Web server returns the page to the IP address determined by the program mentioning the page. The page may likewise contain connections to different documents on a similar server, for example, pictures, which the program will likewise ask for. The program gathers all the data and presentations to your PC as Website page.

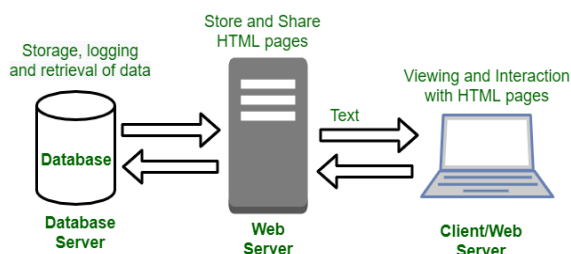


Fig.1 Working of Website

Databases store the data when demand from the clients it collaborate with the serves and return with the data to the specific space framework it is same for both static and dynamic sites(Fig.1)

3.2 LANGUAGES

There are various languages utilized for website .In this we utilized JavaScript ,HTML,CSS ,PHP.

JavaScript is a lightweight, decipheredprearranging language generally used to upgrade and add content to a website page. It gets utilized in different ways, from adding straightforward capabilities or buttons to making complex liveliness. JavaScript runs on top of a program's underlying motor and adds usefulness with straightforward orders set inside<script> labels inside a HTML report. With JavaScript introduced on your PC, you can make changes to any piece of a site and make completely new pages without any preparation. Most Web clients as of now have JavaScript empowered, and that implies it has magnificent program support, making it one of the most sought-after choices among originators

- Works with quick undertaking advancement
- Diminishes accumulation time

- High interoperability
- Improved speed execution
- More limited codes
- Broadened Usefulness

JavaScript code is composed with in script label in html and PHP document

HTML is the most fundamental of all coding dialects. HTML will give you a strong starting point for site improvement. Since most sites get based on top of HTML, engineers can style your code to accommodate your particular requirements HTML gives you a decent beginning at composing code that will accomplish something other than showing data on the screen. Furthermore, knowing how to construct fundamental pages can prove to be useful on the off chance that you anticipate distributing your substance online some place down the line, as well! Then again, CSS (Flowing Templates) is a language that portrays how to show HTML records on screen, paper, or in different media. With regards to present day website architecture, CSS is indispensable; utilizing CSS empowers originators to isolate style from content. Doing so makes it more straightforward for numerous individuals to chip away at various pieces of a site since they can change styles without unintentionally breaking different parts. At its center, CSS gives you approaches to designing text components on a page — like headings or sections — with predefined textual styles and varieties.

- Lightweight
- Quick load
- Allowed to utilize
- More straightforward to acquire order in the language
- Similarity with an exceptionally large number of programs

HTML code without CSS:

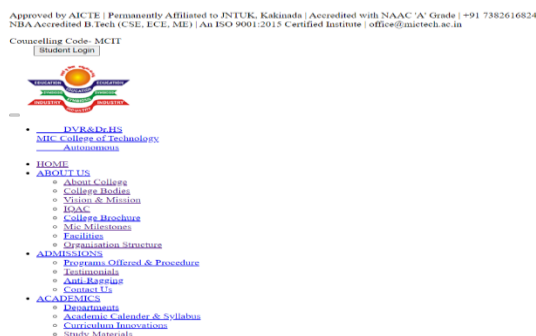


Fig.2 Webpage with HTML

CSS in html is written in style tag:

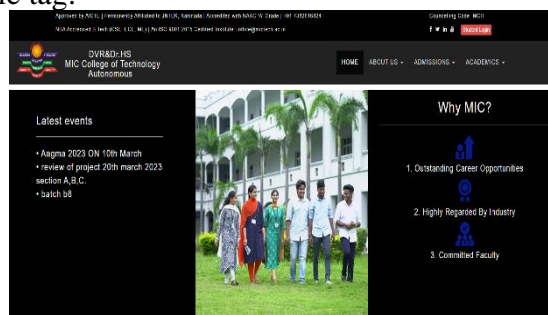


Fig.3 Webpage with HTML and CSS

XAMPP control panel



Fig.4 XAMPP control panel

XAMPP control panel is used to open the webpage in chrome using the localhost keyword. Generally files are stored in htdocs in xamppfolder(Fig.4)

MySQL is used for connecting database to the webpage.

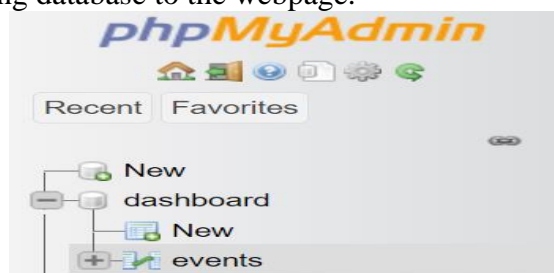


Fig.5 Table and Database

Dashboard is the database name and events is table name.

PHP code is used to extract the table from the database .PHP is general prearranging language. PHP is an abbreviation for "PHP: Hypertext Preprocessor"

PHP is a generally utilized, open source prearranging language

PHP scripts are executed on the server, is allowed to download and utilize. PHP documents can contain text, HTML, CSS, JavaScript, and PHP code.PHP code is executed on the server, and the outcome is gotten back to the program as plain HTML. PHP documents have augmentation ".php"

- produce dynamic page content
- make, open, read, compose, erase, and close documents on the server
- gather structure information
- send and get treats
- add, erase, adjust information in your data set
- utilized to control client access
- scramble dataPHP runs on different stages (Windows, Linux, Unix, Macintosh operating system X, and so forth.)
- viable with practically all servers utilized today (Apache, IIS, and so forth.)
- upholds a large number of information bases
- PHP is not difficult to learn and runs proficiently on the server side

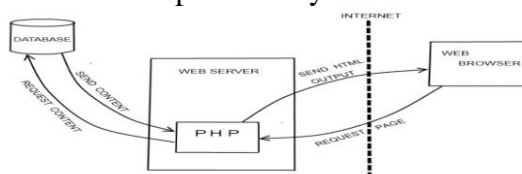


Fig.6 System Architecture

PHP code in HTML:

```
<div class="bar" style="font-size:20px;overflow-y:hidden;">
<?php
$con = mysqli_connect('localhost','root');
mysqli_select_db($con,'dashboard');
$sql= "SELECT *FROM events WHERE featured=1";
$featured=$con->query($sql);

while($events=$featured->fetch_assoc()){
    echo "<div class='bar'>";
    echo $events["description"]."<br/>";
    echo "</div>";
}
```

Fig .7 PHP code for events display

Output:

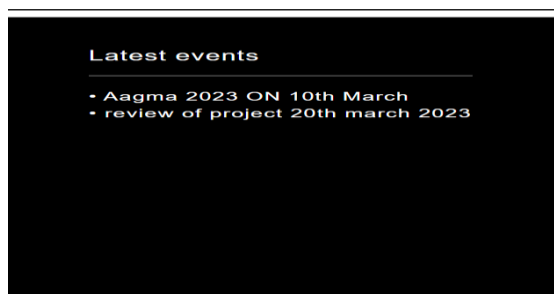


Fig .8 Display of events on webpage

4.RESULTS AND DISCUSSIONS

4.1 HOME PAGE



Fig.9 Home page

Events are shown on the landing page to expand the proficiency of the site, so that individuals can be aware of the school and the occasions in school and it keep communicated with school

4.2 ABOUT COLLEGE



Fig.10 About College

About college page helps for understudies and others to be aware of the college and for college additionally it is important to show case their capacities and accomplishments this is utilized to be aware of the school essentially without being genuinely take care of the college

4.3 STUDY MATERIAL

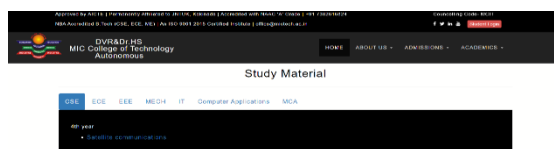


Fig .11 Study Material

Read up material is essential for understudies of same and different branches likewise on the grounds that it helps in expanding the information on understudies and data is given inside the site so inquisitive understudies can get to them

5.CONCLUSION

Website give connection point to understudies ,guardians , faculty to be in touch with the school and get to find out about the college.Website has solid assets which make them are familiar the way of life and school

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