

SMARTBRIDGE + GODADDY 36HRS HACKATHON

EDUCATION DOMAIN

GEETANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

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The 36Hrs Hackathon was started with an aim to make the participants get familiar with the wordpress platform. Wordpress platform is used to make websites and is known for its simple yet sophisticated design. This Hackathon was also meant for students who don't know how to code. Wordpress doesn't require external CSS knowledge, all the important CSS features such as animation, colors, font-family etc., are in-built and are easy to edit.

INTRODUCTION

Overview

The project submitted was based on theme "Education System". In this century where everything is on the user's fingertips only the education system lacks behind all other systems. People even these days move to their interested colleges and have to waste lot of time for their application. This website is made in view for those users who care for their time and for easier retrieval of these multiple student application.

Purpose:

The website is simple and contains all the features which are deemed useful for a institution. The main purpose for the website is to make it easier to operate for the user and for the students. The students can even look into different courses the university has to offer and their different facilities such as Library, Transport, Housing etc.,. The details mentioned in the website will help the students in making the choice.

LITERATURE SURVEY

Existing Problem:

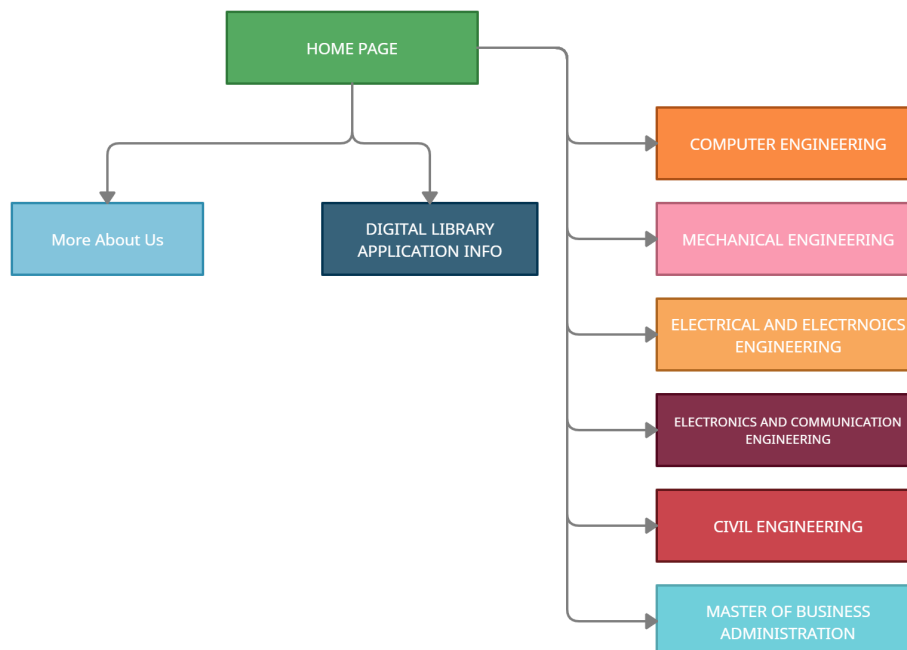
The problem with today's Education System is that it is laid back and there aren't many websites related to university which function properly. Before Wordpress, to make websites HTML/CSS is required and for beginners or for people who can't use those languages it's hard to make a single page. But, Wordpress makes it easier to get past all these hurdles.

Proposed Solution

The only solution for this problem is Wordpress. Wordpress makes easier website and compared to HTML/CSS it is easier to use. It also consists of many themes, plugins and options which makes the work short. There are inbuilt templates and themes which can be used and edited based on the user's need. The website which is made is an attempt to show how easy it is to make the sites without any coding knowledge.

THEORETICAL ANALYSIS

Block Diagram



Hardware/ Software Design

The software used in this project is Wordpress. WordPress is a free and open-source content

management system written in PHP and paired with a MySQL or Maria DB database. Features include a plugin architecture and a template system, referred to within WordPress as Themes. WordPress was originally created as a blog-publishing system but has evolved to support other web content types including more traditional amiling lists and forums, media galleries, membership sites, learning management system(LMS) and online stores. WordPress is used by more than 60 million websites, including 39% of the top 10 million websites as of January 2021, WordPress is one of the most popular content management system solutions in use. WordPress has also been used for other application domains, such as persuasive display system.

EXPERIMENTAL INVENSTIGATION

For this project I have reviewed sites and have performed different experiments by taking different widgets/menus/themes for the website. The results are present in the website. The websites which were chosen are GCET, IITD etc.

FLOWCHART



RESULT

I hope that this website shows how easier it is to use wordpress and all the needs of the user are met.

ADVANTAGES & DIS-ADVANTAGES

- Coding is not needed
- It is easier to use
- Resourceful
- Paid plugins
- Some features might require external css
- Frequent plugin updates

APPLICATIONS

The website can be used as a official website for any college/school and it is easy to edit and change the information present in the website.

CONCLUSION

Hence, By this project I hope to have enlightened the read on how to use wordpress in making websites and also meeting the student needs.

FUTURE SCOPE

This website can also be updated with mutiple pages and proper with proper backend connection it can also be used in many ways.

BIBILOGRAPHY

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- Google
- www.geethanjaliinstitutions.com/engineering