SmartBridge and Godaddy 36Hrs Hackathon

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The 36Hrs Hackathon was started with an aim to make the participates 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 knowldge, all the important CSS features such as animation, colors, font-family etc., are in-built and are easy to edit.

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1) <u>Introduction</u>:

1.1 Overview

The project submited 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 have to 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.

1.2 Purpose:

The website is simple and contains all the features which are deemed useful for an 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.
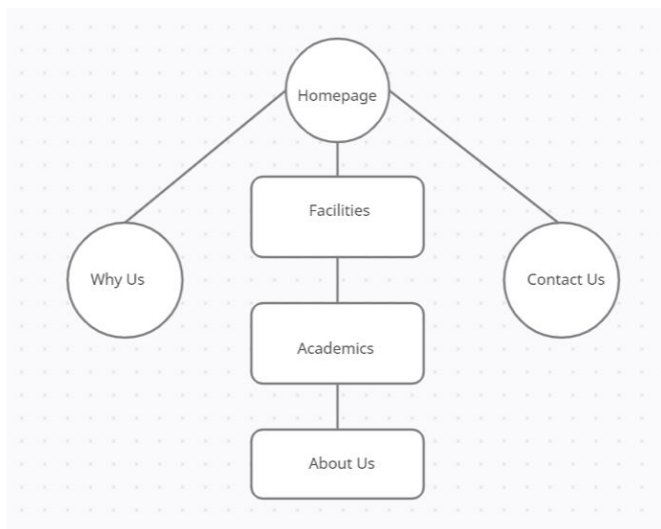
2) <u>Literature Survey</u>:

2.1 Existing Problem

The problem with todays Education System is that with 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 these languages it hard to make a single page. But, Wordpress makes it easier to get past all these hurdles.

2.2 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 consist 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 knowldge.

3) <u>Theoritical Analysis</u>:
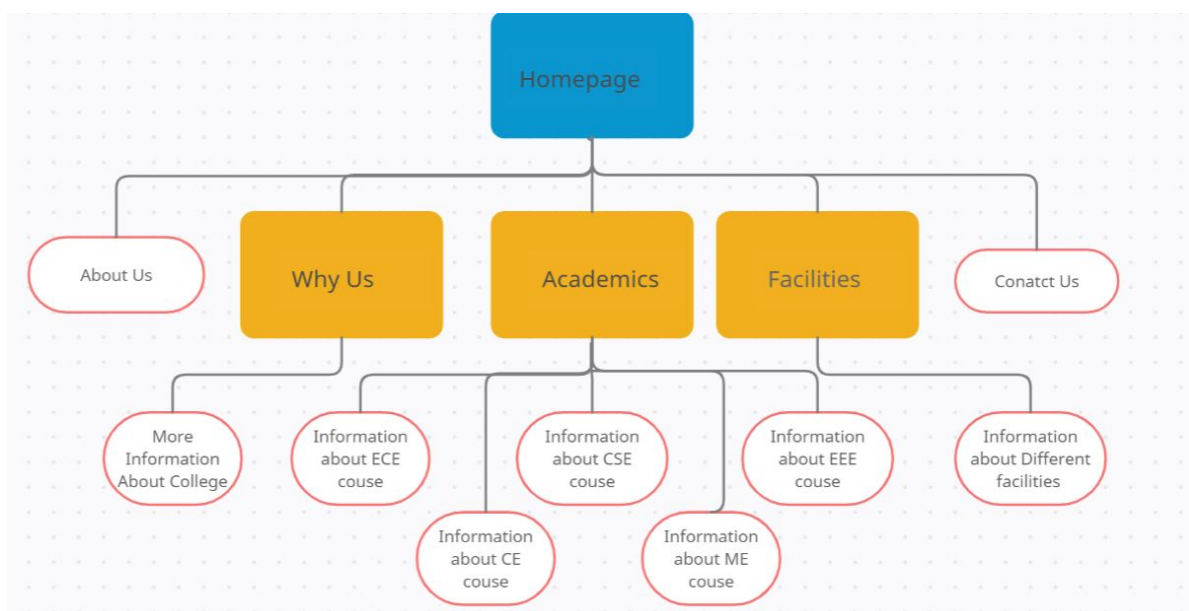
3.1 Block Diagram:

3.2 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.
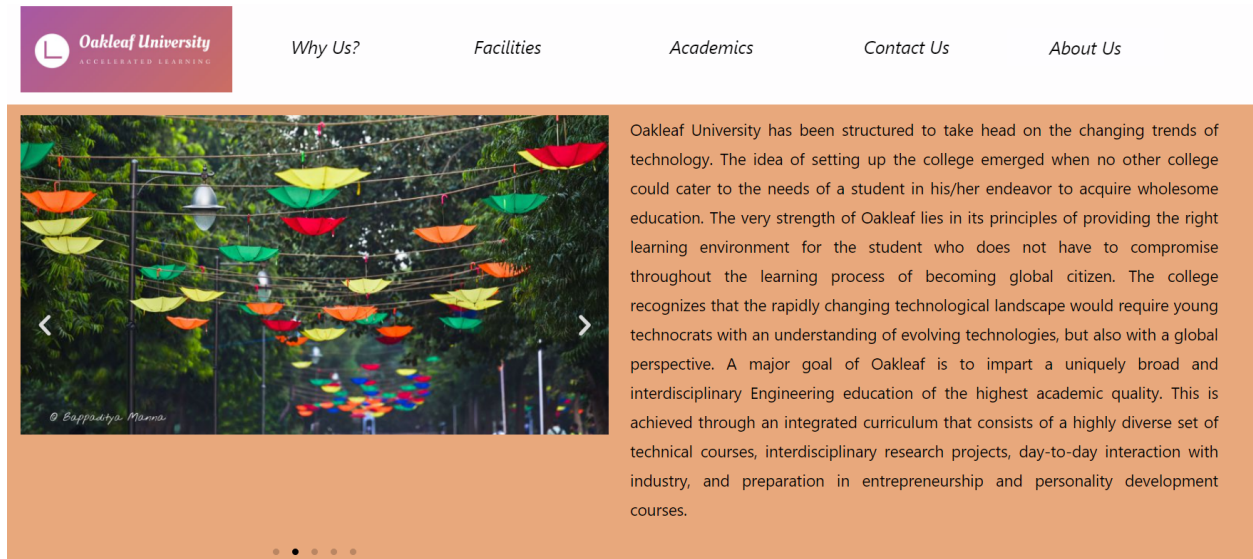
4) Experimental Investigation:

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.,.

5) Flowchart:

6) <u>Result</u>:

I hope that this website shows how easier it is to use wordpress and all the needs of the user are met. The website made can also be edited and used in many ways as possible.

7) <u>Advantages</u> & <u>DisAdvantages</u>:

<u>Advantages</u>:

- Easy To Install. To get started with WordPress is a breeze as it has a simple and quick process of installation
- Easy To Use. The most vibrant feature of WordPress is its ease
- Responsive Design
- Multiple Theme Options
- Multiple Plugins

<u>Disadvantages</u>:

- You Need Lots of Plugins For Additional Features.
- Frequent Theme and Plugin Updates.
- Slow Page Speed.

8) <u>Applications</u>:

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.

9) <u>Conclusion</u>:

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.

10) <u>Future Scope</u>:

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

11) <u>BIBILOGRAPHY</u>:

http://www.geethanjaliinstitutions.com/engineering/#
https://home.iitd.ac.in/