WEB DESIGN AND DEVELOPMENT

by

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This Report Presented in Partial Fulfillment of the requirements for the Degree of Bachelor of Science in Computer and Engineering

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APPROVAL

This Project/internship titled **"Web Design and Development"**, submitted by Md.Shoyeb Mahmud, ID No: 162-15-8119 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 02-05-2019.

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I here by declare that, this project has been done by me under the supervision of **Md. Jueal Mia, Lecture, Department of CSE**, Daffodil International University. I also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree.

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ABSTRACT

WEB DESIGN AND DEVELOPMENT were the main Subject of this internship. To develop a web site or a web base application there are many type of programming languages use to develop that site. Some of them are only used tor frontend and backend design of the software. An example- HTML, CSS, Bootstrap Framework etc. There are additionally other programming language utilized in a site build up the dynamic elements of the Software or application. For instance PHP, Java, C# and so forth. These days there are additionally a few systems are bacically structure programming by utilizing Model, view and controller. It is additionally called as MVC. In the event that we create online application that is exceptionally valuable for us . It is extremely useful for out day by day life. In this reason I picked subject my report "Web architecture AND DEVELOPMENT". Working in talha corporate and increase to tremendous information that is enormous experience of my up and coming vocation. I attempt to talk about this report every one of the subtleties in site designe and advancement and experience accumulate to temporary job.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

PHP was develop by Ramus Ledford. It is a freeware. It is additionally a feebly composed, free from language. PHP is a server side language. PHP sentence structure that as like a Perl and C language. PHP is a server-side scripting language structured explicitly for the web. Inside a HTML page, we can embed PHP code that will be executed each time the page is visited.HTML create the website page with the static content and image. Be that as it may, the need developed for dynamic web base use. These dynamic uses are offices by PHP .
Different undertakings that PHP is particularly great at are database access, networking administration and content control. PHP is a fantastic option in contrast to such comparative programming solution as Microsoft's restrictive scripting motor ASP and Allayer's fairly costly Cold combination. As referenced previously, PHP is a cross-stage language.[1]
At last told that PHP is not a hard language. If you khow in c language then you can easily learning PHP language. PHP adds highlights to take care of normal issues that software engineers regularly experience when programming for the web.

1.2 Motivation

In desktop base website creating system is easy to understand. Since I accept Internship because I am beginner and primary level to learn web development, so it is easy and interested to learn and create. Further this project is related of student and I am introducing to its circumstances so it service technology is under of the understand mine. Its technology is so interested and charming and easy to build a project by fully
PHP, HTML, CSS, MYSQL.

1.3 Objectives

The objective of the web development is to handle the enter activity of a website. The software keeps all the information about the entire website. The system contain database where all the data information will be store safely.

1.4 Internship Goals

A intern student provide physical and digital infrasture the advance research and education.
Institution collaboration is not provide in a leadership. But a student work in resl field he can a leader and peiorities in society.Building a relationships with people who can serve as advisers or mentors.Gaining working knowledge in the basic modeling techniques.

1.5 Report Layout

Layout includes such things as the chapter objective details type of paper chosen, the margins, the line , the pagination and illustrations and references.

In report layout all chapter is condensed. I tried to summarize all the chapters. The summarization is given below:

Chapter 1 I mention details about web development introduction. Objective. Objective include some facility about internship as save the time and resource, reduce the number of workers, reduce the work load, easy to search and record. Motivation to web development as inheritance, implement, object declare and so on opportunity.

Goals of web development project PHP is more effective and choice full and ultimate for fruitful programmer. Report layout is the short overview of full report chapters.

Chapter 2 describe about internship enterprise like about the company, IT services offered, roles in job market and responsibilities.

Chapter 3 contain internship roles and responsibilities like training attended, assigned responsibilities, work environment, using web development project temples, performed tasks with figure and mention task.

Chapter 4 describe about internship outcomes some outcomes of internship is problems and solutions like OOP understanding, view some component in frame. And learning outcomes, challenges.

In the Chapter 5 simply I mention about internship discussion and conclusion.

CHAPTER 2

ORGANIZATION

2.1 About the Company

TalhaSoft is Bangladesh's leading IT training provider of Mobile Applications, Web Development, Web Design, CMS, Microsoft Application and more courses for individuals and groups of Ten or more subject corporate training as you need to learn. Any one can to learn easily and good out put he expected. Talha corporation are teach to education at the right time . Talha soft teach web designe, mobile application, ASP.net, SEO, csm, web development, SQL, laravel, php, java, python etc as you want to learn. Talha soft try to their best a student teaching their teacher.
This corporate is provide a student as he needs. Talha soft also develop a website, mobile apps, digital marketing, graphics design etc as a person or company need. Talha team members are try to their best to handling therir product.

Address: Flat #4A (3rd Floor), House #51/A/3, West Rajabazar, Panthapath, Dhaka 1215

2.1 IT Services Offered

2.2.1 Fixed Price System Develop

TalhaSoft perform program similarity test (in significant program)
we will ensure your site with each task.

2.2.2 Web design & Development

Having your website designed and built professionally will try our best developer and improve your company image and display force your brand.

2.2.3 Website Optimization

Search engine optimization (SEO), or site streamlining, is the way toward making changes to your site with the goal that it will seem higher in web crawler results pages (SERPS). In view of various elements, web crawlers assess your site's significance and coherence before allotting it a position or positioning on the web crawler results page. The more significance the web crawlers decide your site has for a given hunt, the higher the site will rank. When you think about that over 60% of Internet clients won't look past the primary page of indexed lists, it's essential to utilize website streamlining to push your positioning as high as could be expected under the circumstances. Web optimization administrations for site enhancement address an assortment of

variables, including: watchword choice, including and reviving substance, making web index neighborly plan, building connections, and settling specialized issues that may push web indexes away.

2.2.4 Pay Roll Software

TalhaSoft offers site arranging, innovative plan for your business executions.

2.2.5 Dedicated Support Team

Your business is important to us and we want to make sure that you are fully satisfies our work. Our team try to best work to your product.

2.2.6 Installation & Technical Manuals

TalhaSoft offer website planning , creative design for your business implemementations.

2.2.7 Website Technical Support

Technologies Languages

C, C++, Asp.net , Java , PHP, JavaScript, AJAX, XHTML, CSS, Database, MySQL,

CMS, Wordpress, Joomla, Typo3, Magneto,Ecommerce

2.3 Roles in Job Market

Anything that requires logic will always be needed. In other words, actually programming, not just designing with HTML/CSS. Designing websites for small companies that are just information pages, that will not be a job in a few years. I'm surprised I'm still able to get a few clients for that. It's really easy to make your own site and make it look presentable.
However, front-end development that requires custom automation (using JavaScript), is becoming more and more necessary. Single page applications using AJAX are becoming the new standard, thus a stronger need for front end developers who can truly work their way around the code. A lot of desktop software is now being replaced by online software options, and as that continues to grow, the need for front-end developers
will grow as well [2].

Point being: get comfortable with HTML/CSS, but that shouldn't take long. If you want to do front-end, learn JavaScript, learn several JavaScript frameworks (angular, ember,D3.js), and

learn the basics of back-end development (which you can now do in JavaScript with Node.js using Express.js) If you want to do back-end, you should still know HTML/CSS, but pick a back-end language and framework and learn it well. Don't try to learn a bunch of languages and never give any of them a fair amount of time. If you learned how to do backend programming with Java and learned it well, you will quickly be able to pick up PHP, Ruby, Python, etc. Back-end requires a strong knowledge of good security practices, which automation software will never threaten to replace us with. All in all, it is very easy to get a job in this field. After 4 months (of working my ass off mind you), I was able to get some JR. level front-end work (mostly easy stuff). There's this fear of over-saturation that all of my friends told me when I said I was going to learn this, but they were wrong. It is one of the most in-demand careers right now, pays

very well . [3]

CHAPTER 3

TASK, PROJECTS AND ACTIVITIES

3.1 Daily Task and Activities

First time interne activity, the first task I was given to get familiar activity with the code. I had to try the code and understand how it structured. Web developers perform a wide variety of tasksEvery day they give me some problems. Every job can do solve the problems in short time but they could take me more time solve the problem. Then I gained trust, they give me basic problem and I can solve this problems. However, I'm sure that it depends helpful in future in my working life.

3.2 Events and Activities

Event planning internships enable understudies to be a piece of all phases of the arranging procedure. Occasion organizers arrange all parts of occasions, weddings, and gatherings running. The cutting edge occasion organizer utilizes innovation to effectively coordinate phenomenal occasions. Most occasion organizers work for privately owned businesses, for example, occasion arranging offices who are enlisted by organizations and people to compose their enormous events.Every understudy hopeful wish to work in open field.I also attend in some event in this company. Intern assist in the planning and development of activities and materials designed asa well as assisting with events. Internship activities is very important in their professional and training.

3.3 Project Task and Activities

Tasks are related with with a challenge. Task can be allow to enter time both and activity.An example a company carry out their budgeting , testing , design etc for all exclude of a projects. They could make every one of these capabilities a movement. An errand is 90% finished, dose this imply it will take just 1/9 of the time effectively spent to complete this work. I work in a web and some designe items in a website. So somethings like swapping an image asset, I really not going to make much of a plan or spend much time. One common framework tasks are often done by the project manager. So a developer have face in many task in every project . He can solve the task and active the project.

3.4 Challenges

There are many type of challenges have to face in web development. In this time web are becoming a range as more and more brand. So a developer chose the attractive designe and work it completely. Other challenge is syntax error. A developer to find the error and solve the problems. It is difficult to solve a developer but the problem find out the developer and solve it. It's the day of i joining. I early. Dressed formally and carefully, in my best professional attire, because you know first impression matters. There are more problems to create when I working

with CSS. It is very easy but sometimes it’s not matched with my expectation, and placed in appropriate place. Webdesigning is not an easy task. It takes a ton of inventiveness, uniqueness and meetings to generate new ideas to think of a pleasant website composition. Just a website specialist can tell about the difficulties they experience on standard premise. Website compositions which are enjoyed and increased in value by target market and customers are generally the consequence of consistent advancement and backward basic reasoning. Site's synchronize with numerous applications alongside its capacity to be responsive are only a couple of components which are considered by the website specialist. This makes web structuring a difficult job. What's more, alarm in case you're as a rule late. I am energized yet you're apprehensive too.There are many sort of issues Unnoticed Work ,Uncooperative Mentor, Issues with Time Management/Self-Management, Distribution of piddling work, Deficient Compensation, Reluctant to Ask Questions , Focused Co-aides, Overpowered with Work, Scalability. Performance,Knowledge of Framework and Platforms,Security.One of the fundamental desires as an assistant is to do some work, some reasonable These are the essential passage level position troubles that are looked by understudies doing impermanent occupations in work place. Regardless, if genuinely dig into it, they aren't that grave or unsolvable. Changing into another spot is continually troublesome, yet in case you are seeing enough, you can vanquish the challenges inside no time.

CHAPTER 4

COMPETENCIES AND SMART PLAN

4.1 Competencies Earned

I earnd better khowledge in web designe and development. Basic HTML(Tags, Element, Attributes, Paragraphs, Headlines, Line Breaks, Horizontal rule, lists, Table, Color codes, Font, Text Linking,Email, Images, Background, Comments, Meta, Media). HTML Forms(Input, Text Fields, Password, Checkbox, Combo box, Text area, Buttons), Basic CSS (selector, Inline, Class, Id, Background, External,font,text, Padding , margin, border, list, hovering), Advance CSS(border-radius, Opacity, layers, position,float,display, gradient, and multiple-column, dropdown menu, Template design), Bootstrap 4 (Grid system, typography, table, forms, buttons, images, dropdown, button group,alert , collapse, navbar, forms pagination), JaavaScript(syntax, enable, location, operator, variables, confirm,pop us, date, print, string, events), PHP Basic (if, else, while, do while, for loops, functions, array, switch), MySQL

4.2 Smart Plan

Smart plan anyone can success easily completed a work. And a plan anyone can must take to realize his destination. Smart plan has added action steps for professional growth and skill development.A smart plan has build many part of internship. There are specific, achievable, relevant, time bound, measurable, taking decision, Professional communication etc.

4.3 Reflections

A experiential learning and internships, the real experience comes after the work. When I have to an opportunity to think about what I see and experienced. As I proceed onward to graduation I leave elebation with an encounter for this present reality and certainly I have to process post graduate. So internship a student can work real field and he can gain better knowledge.

CHAPTER 5

INTERNSHIP ROLES AND RESPONSIBILITIES

5.1 Web design templates

A web site template is a prestructure page or a html page . Any body can use module their own content substance and image into make a site. Normally complete a web template code with html and css code. This enables anybody sensibly evaluate personal or business site that would then be able to recorded in web crawlers so client can look for her perticuler item. Any one can downlode complete site that he can module his content and picture with close to nothing,or no, altering of the designe component. HTML templates – website design templates represented with HTML code only, PSD templates – templates which contain only .psd files, graphics only, with no code, Flash templates – website design templates developed with Flash, Flash intro templates , templates of an intro clip, developed with Flash only, used torepresent a company or/and a project. The list above contains the main categories of templates associated with website designtemplates. There are some others, which, due to their specific usage, are not so popular:FrontPage templates, Dreamweaver templates, etc.

5.2 Web framework

- Resource Description Framework, a set of rules from the World Wide Web Consortium for how to describe any Internet resource such as a Web site and its content.
- Internet Business Framework, a group of programs that form the technological basis for my SAP product from SAP, the German company that markets an enterprise resource management line of products
- Sender Policy Framework, a defined approach and programming for making e-mail more secure
- Zach man framework, a logical structure intended to provide a comprehensive representation of an information technology enterprise that is independent of the tools and methods used in any particular IT business.

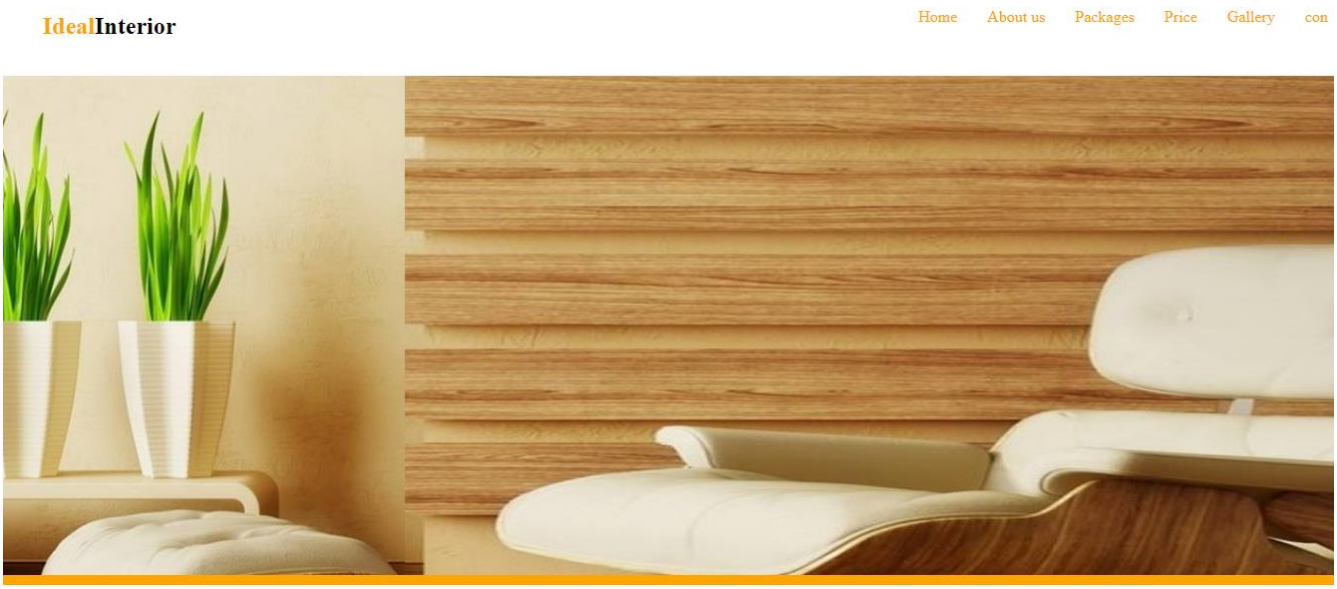
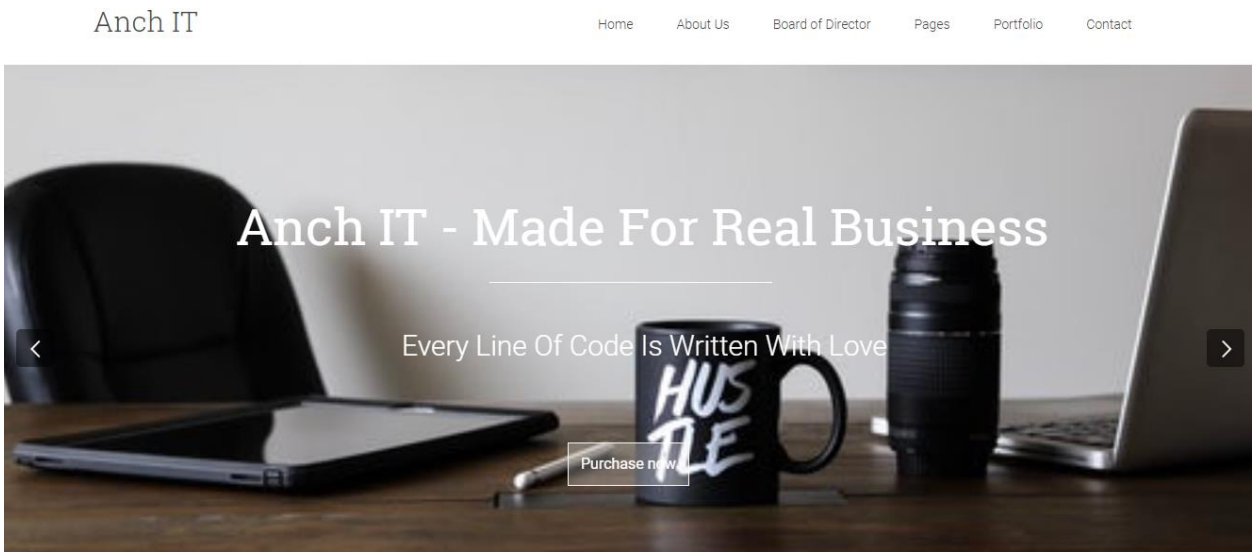


Figure 5.1 Web design templates

5.3 Using web Develop Project Template

Home page:



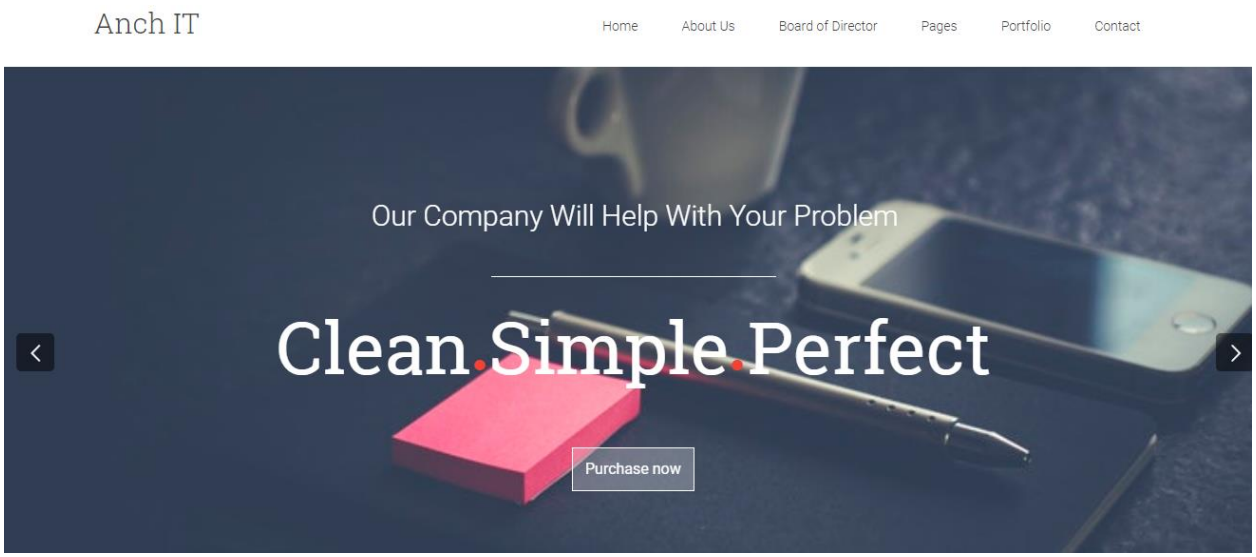
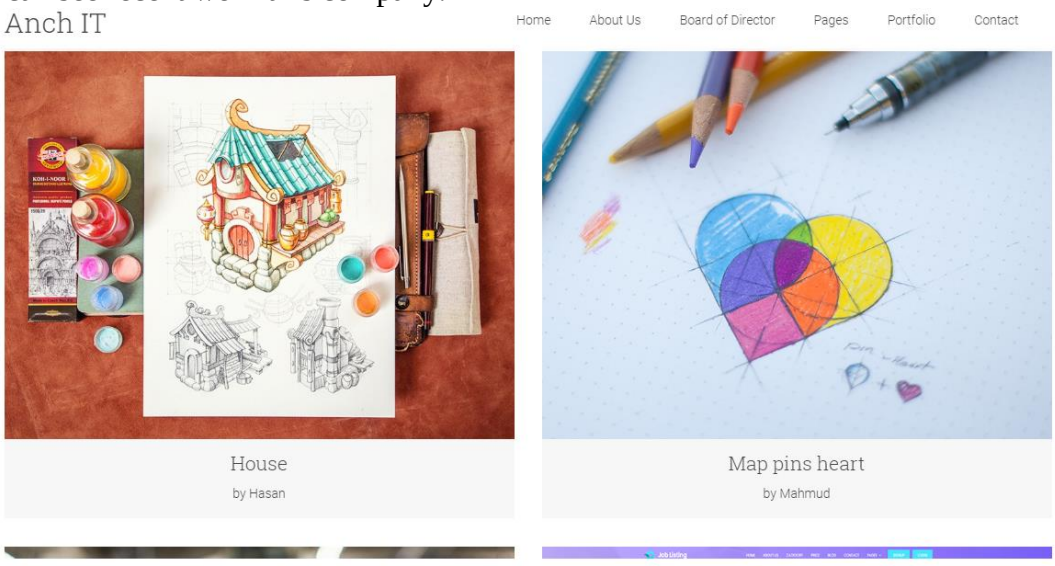


Figure 5.2 Home page

Portfolio page:

Any one can see recent work this company.



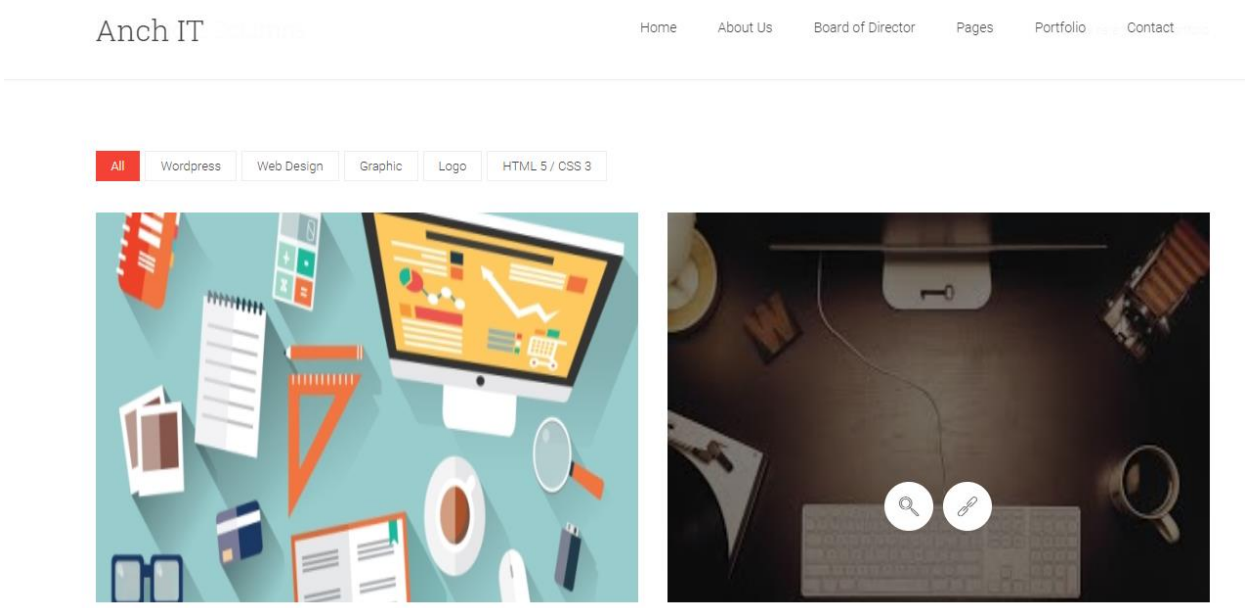
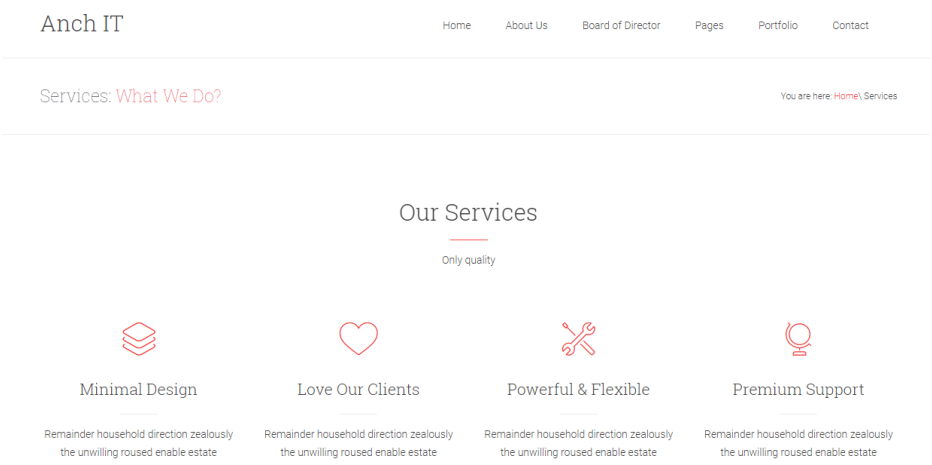


Figure 5.3 portfolio

Sevice page:

All of the service in this company.



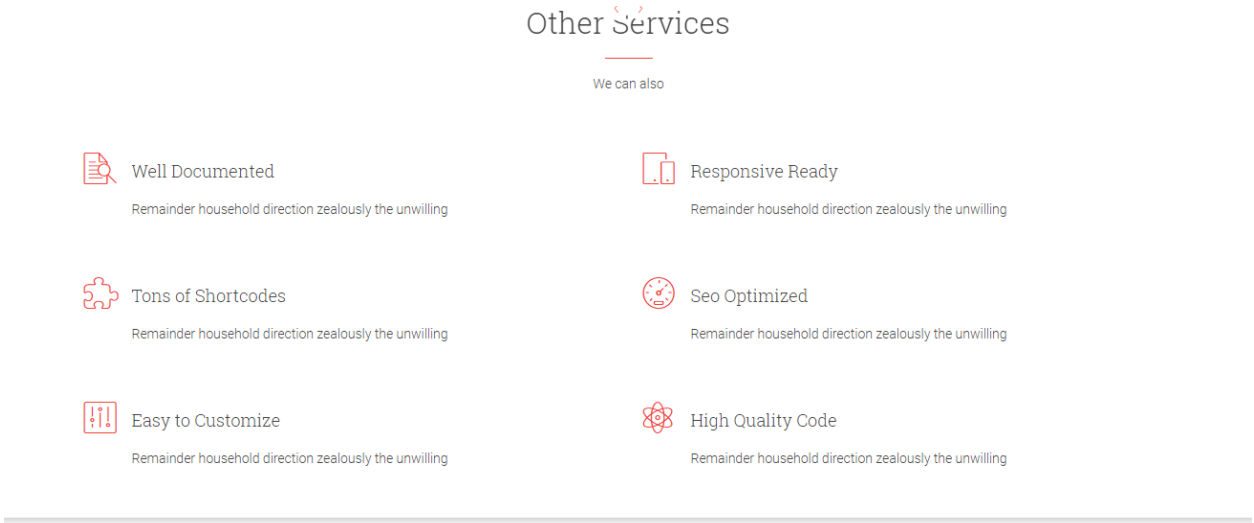
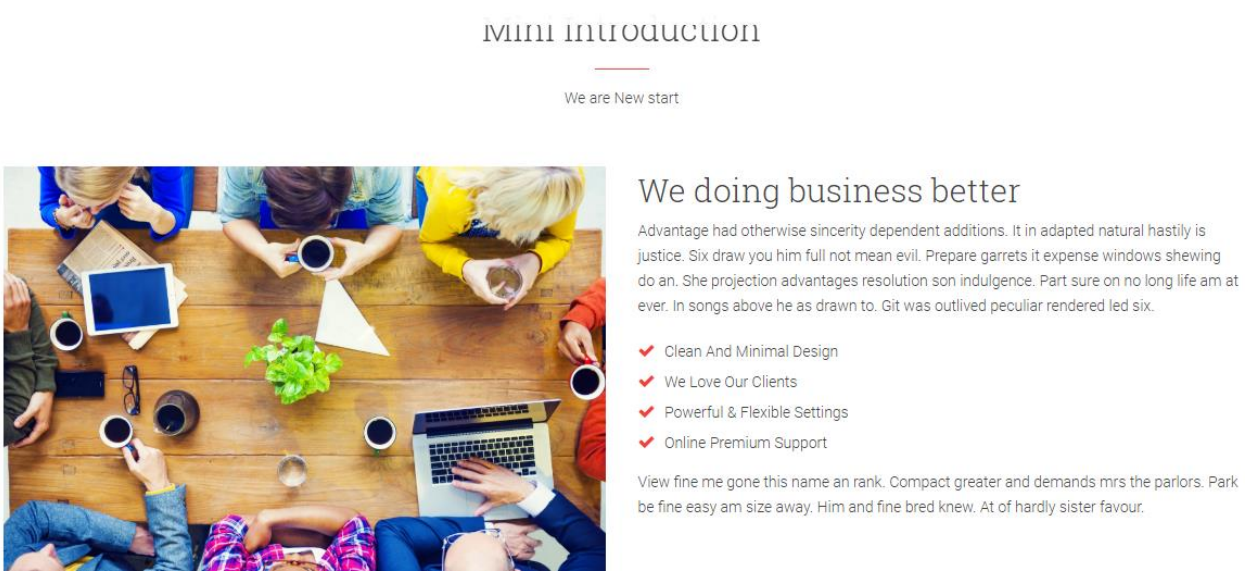


Figure 5.4 Our service

About us:



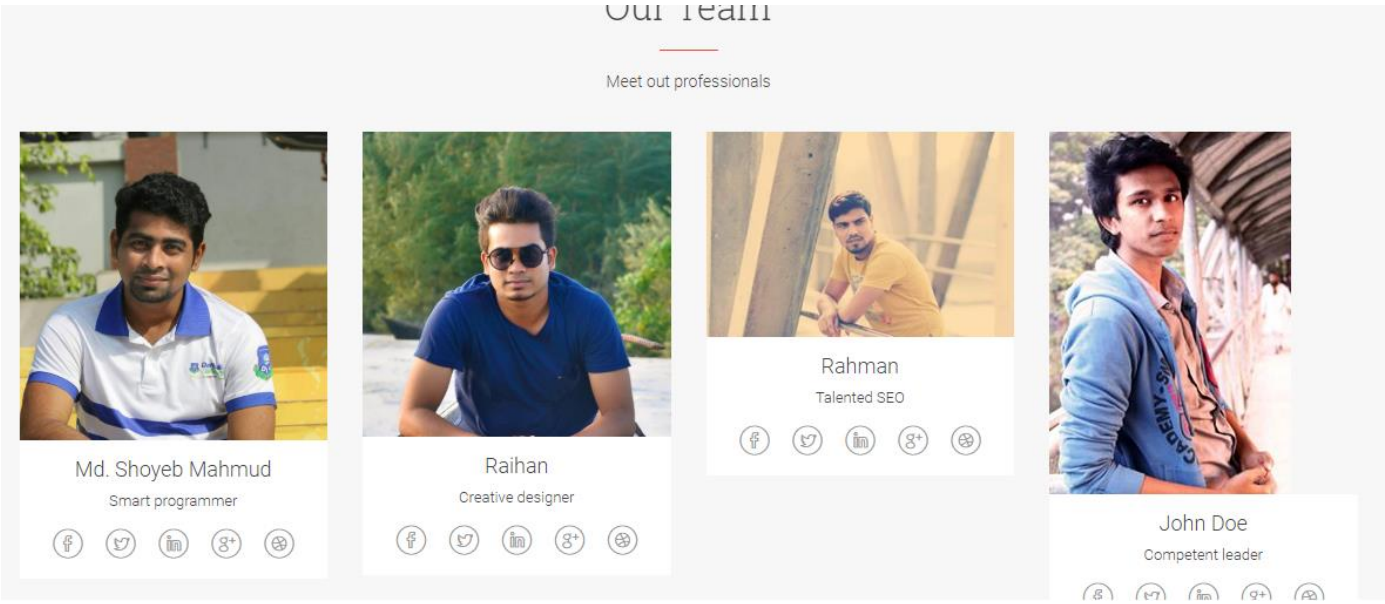
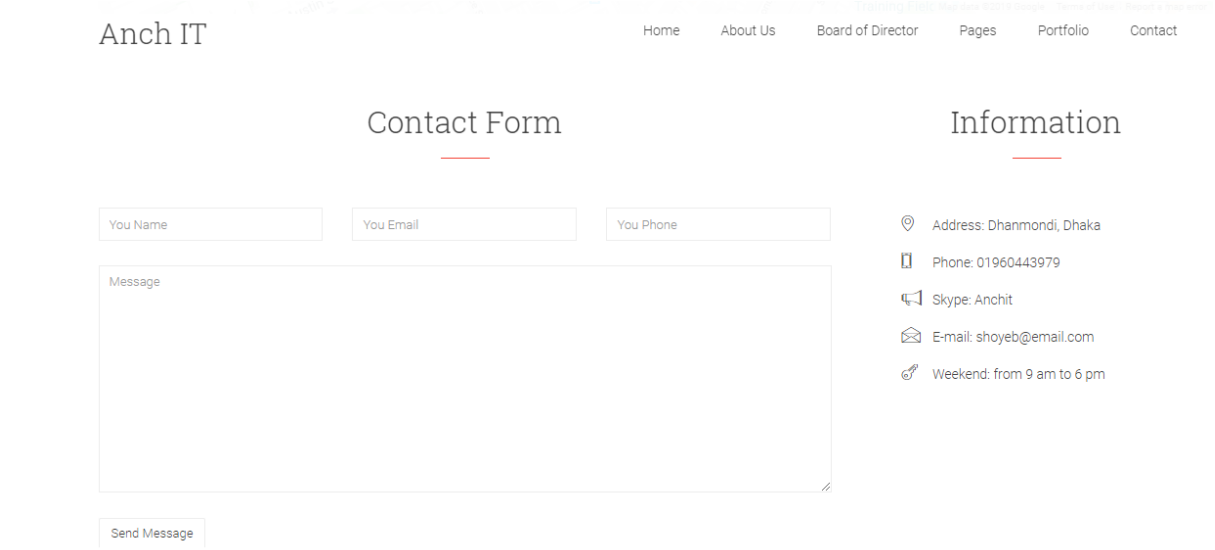


Figure 5.5 About us

Contact page:



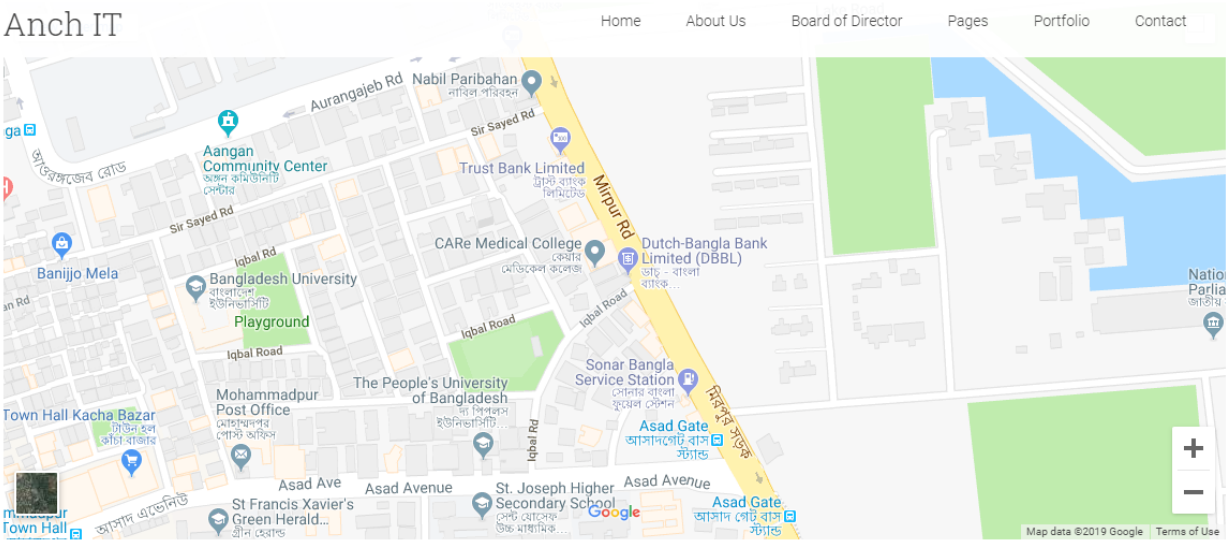


Figure 5.6 Contact

Address:

Address in this company. And also any one can visite the link site.

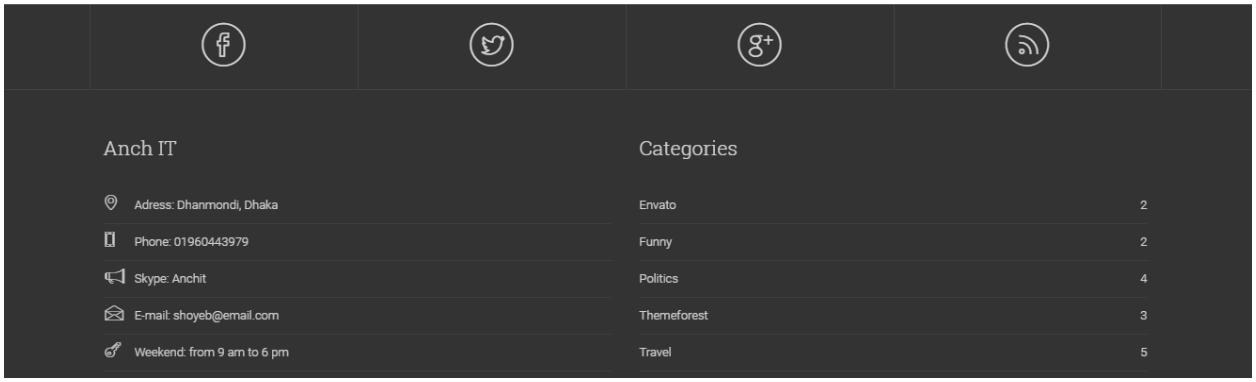


Figure 5.6 Address

CHAPTER 6

CONCLUTION AND FUTURE SCOPE

6.1 Discussion

I can’n complete develop a web site.This report endeavors to look at different issues that emerge while building a site. It is essential to feature, a site are not basic programming antiques. Acing the important programming aptitudes and apparatuses to construct a site portion not gurantee its prosperity. Therefore following the guidline and exhortation of my regulating educator this report center around numerous different difficulties. The choice on how the site will be construct rely upon the aftereffect of the issue examination, since they will assume a noteworthy job into portraying the particular client necessity for the product. Finally an attempt will be made a full web site you can khown good experience all coding language. But I can’t complete all the language.

6.2 Conclusion

As an end, I can say that this temporary position was an extraordinary encounter. On account of this venture, I procured further learning concerning my specialized abilities however I too by and by profited. Right now PHP pages are a typical piece of web applications, and a standout amongst the most well known language for web advancement utilized by engineers around the world. On the off chance that we surf web we can see a huge number of sites worked with PHP and MYSQL. I learn to live in an alternate domain from the one I am utilized to. For sure, I developed more autonomous in work and furthermore in regular daily existence. I understood that I could accomplish more things than I suspected like adapting new things without anyone else. There are immense open doors accessible for the understudies who need to work in this field. Numerous private and open associations contract website specialist for their online work and site improvement. With the fast approach of online industry, the interest of web improvement experts is expanding and this has made a gigantic opening for work for the applicants in the up and coming days. Likewise an accomplished individual in this field can likewise function as a consultant; there are numerous online organizations which give online ventures to the people.

6.3 Future Scopes

I don’t have any job experience. Finding a job / work in real lifean effective intership can enable me to transform an encounter into a lifelong chance. My future scopes to work a IT company can work as a web designer or can work a web developer.

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Last accessed on 2 March, 2019

Web Design 1

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