INTERNSHIP REPORT ON WEBSITE DESIGN FOR AN E-COMMERCE SITE

\mathbf{BY}

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This report presented in partial fulfilment of the requirements for the Degree of Bachelor of Science in Computer Science and Engineering.

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APPROVAL

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University. I also declare that neither this project nor any part of this project has been submitted

elsewhere for award of any degree or diploma.

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ABSTRACT

A Website Design for An E-Commerce site Publication is an online selling platform where both the customer and the seller can interact to each other. Here a customer can choose anything that the person need. There are a lot of options to find out the best one for the person. A customer can compare, choose and buy their findings by this system. The user friendly interface removes the complexities and uncertainties for a customer to choose the competent things. Providing quick response to the customers is a way to attract their attention for the followings. Authentic communication, transaction, delivery increases the reliability on overall system and can minimize the fraudulence. That is reason I have chosen Website Design for An E-Commerce site Publication for my internship. To design a handy and professional website for an online business company I use several server site scripting languages such as (HTML5, CSS3, Bootstrap, JavaScript, jQuery). Since my part was to design the front end of the website only I used this tools to finish my task appropriately.

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CHAPTER 1

INTRODUCTION

Internship is such an opportunity by which students can learn the professional things. A student gets the official environment only through internship. Besides if any student wants to return to academia it is also will be appreciable for him. Because the professional learning can help the student to apply it in his academic projects or research as well. The golden opportunity that I needed most has been given by Daffodil International University (DIU). I got the chance to work with some professional peoples in an IT farm called "PRIMEX infosys". The company where I learn the things I needed. There were a very good environment to learn things such as professionalism, group work, customer dealing, deadline meeting etc. Here I have worked for the To

1.2 Motivation

The voyage was not unreasonably basic there were a few hindrances, new advancements that I really need to deal with, regardless at whatever point coming each test, I have found a spic and span potential at interims myself. The gifts that I really have accumulated square priceless to me and that I can't hold up to utilize those inside the up and coming profession. Moreover there to, some of the non-specialized aptitudes that I really have obtained, joined with those specialized abilities will demonstrate convenient in my future employments.

The motivation what I expected from internship met maximum of it by the company called PRIMEX infosys. These guys are such a lovely people who helped me when there arose some difficulties. They taught me the things how to relate the work with the learnings. This little things motivate me a lot to work in an IT farm.

1.3 Internship Objectives

- Designing using HTML5, CSS3, Bootstrap.
- Basic JavaScript & jQuery.
- SQL Database.
- Understanding Model, View, Controller.
- Requests, Responses, Views, Validation.
- Understanding Project Architecture.
- Improve Interpersonal Skill
- Improve Communication Skill
- Improve Technical skills

1.4 Brief Information of the Company

PRIMEX insfosys, a company incorporated in 2006, is shape the business with our unique and blend expertise in design, development and client servicing which truly transforms the organizations and the brands.



Figure 1.1: Logo of PRIMEX infosys.

Primex insfosys is a technology driven and customer focused company that provides UI/UX design, mobile app development, app and responsive website development to global customers across all industries. They never stop at improving their services including engineering techniques, management practices and developmental methods. Their app developers can offer the clients customized solutions to suit your need. They are aware about the latest app versions and can ensure good performance of the apps. Their designers are too experts in creating themes and icons for smart phones and touch screen devices. Websites are designed in user friendly manner making navigation simple and faster.

1.5 Report Layout

Chapter 1 is introduction. Chapter 1 is covered introduction, motivation, internship objective, introduction to the company. Chapter 2 is organization. Here gives the information's about where the internship attached to undertake this program. This chapter also includes organization introduction, product, service, market situation, organization target group, SWOT (strengths, weaknesses, opportunities, threats) analysis and organizational structure. Chapter 3 is tasks, projects and activities. This chapter covered daily tasks and activities, organization event and activities, project tasks and activities and challenges part. Chapter 4 is competencies and smart plan. This chapter covered competencies earned, smart plan and reflection. Chapter 5 is conclusion and future career. This chapter covered discussion and conclusion, scope for further career.

CHAPTER 2

ORGANIZATION

PRIMEX Infosys is a digital creative agency. Which is committed to ensuring technology

for humanity, well equipped with huge number of IT professionals. All have deep

knowledge regarding their portion. PRIMEX Infosys is a leading provider of end-to-end

IT services and solutions for global companies. Their offshore software outsourcing

services and solutions are designed with a focus on secure, scalable, expandable and

reliable business systems. Through their low cost, high quality and reliable offshore

software services, they serve their clients giving them value for money and thus client

satisfaction. Since this company designed and developed so many essential tools and all

for some renowned company they have that much of reputation to satisfy their customers

through their efficient services.

Name

: PRIMEX infosys.

Address

: House#41/4 Hazi Afser Uddin Lane, 1st Floor Hazaribag Road,

Zigatola, Dhanmondi.Dhaka-1209, Bangladesh.

2.1.1 Mission

In order to remain competitive, every e-commerce site need to develop and remain updated

day by day. So, IT infrastructure with digital service facilities must for all office segment

and skills must for all professional, in all sector of business, industry and services along with

restaurants. To fill up those demands PRIMEX infosys is advancing with proper initiatives.

2.1.2 Vision

A sheared platform of information shearing is the easiest way of reducing communication

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gap for the sake of humanity and to create a glorious World.

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2.2 Product and Market Situation

PRIMEX infosys is one of the market leaders who are designing and developing websites for many online and offline companies. As a result here the e-commerce site has been developed under some very good instructions and this quality has taken them to the top already. The product and market analysis team prepare their report before working on any project which become beneficial at the end of the day.

2.3 Target Group

Characterized Advertisement auto posting destinations have for quite some time been created as a choice to print and other media vehicle publicizing. Arranged commercial destinations take a shot at a neighbourhood territorial national dimension as buyers keep on extending their compass through motivators in value, shipping, and regularly developing comfort of acquiring on the web. This blemish kept keeps on developing with characterized notice locales being presented and propelled routinely the nation over.

Characterized Advertisement webpage adventures may have as targets any number of objectives that may incorporate supporting print productions, other web properties, or incomes through promoting sponsorship. The site may likewise be offered as an additional advantage as a component of a coordinated merchant stock promoting program inside a local region.

Also, who need?

- Advertisement is Free of Cost.
- System gives class subcategory to postings.
- Advance Search is pleasantly focused to client necessity.
- More Specifications in Posting an Advertisement.
- User can deal with his/her post.
- Users are checked with email.
- User can offer criticism to promotion Personal information

Oversee Category: In this module administrator oversees class like property.

Add Category.
Update Category.
Delete Category.
Oversee Advertisement: In this module all clients of this framework post their notice.
Post commercial.
Manage Post.
In this module administrator oversee post.
Add post detail.
Update post detail.
Delete post detail.

In this module all clients of this framework Search all thing in ad

Search all thing in ad

Search

Client performs following assignments.

- User enlistment.
- Post ad

2.4 SWOT Analysis

Qualities

- Have changed entry buyers
- Customer satisfaction buyers do state they simply like the organization and gives Positive explanation by recommending making prepared organizations to other people.
- Do get some walk around business.
- Mobile preparing van has eye-getting symbol and offers some presentation once Following up on the-spot benefits.

Short comings

- Don't offer cautious idea for advancing subject to explanation and site
- Website completely illuminating.
- Don't have an advancing organize.
- Don't have a considerable measure of a promoting spending plan.

Openings

- Take favourable position of the expanding nature of market.
- Increasing utilization of web-based social networking site
- Increase the amount of activity
- Local yearly Fair.

Dangers

- Other site preparing organizations in city, rivalry is expanding.
- One site preparing business consolidates a progression of radio promotions running And is furthermore running paper advertisements once consistently.
- Another challenger has banded together with the local web provider to have a site Clothing and prepping day every couple of months.
- Expense of indicating media promotions.

2.5 Organizational Structure

An Organizational structure determines the rules, controlled, responsibilities, coordinated and how information flows between different levels of management. Figure

2.1 shows organizational structure of PRIMEX Infosys.

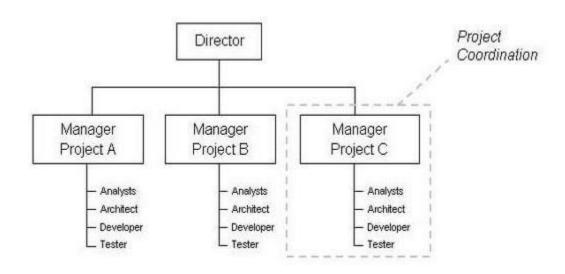


Figure 2.1: Organizational structure

CHAPTER 3

TASKS, PROJECTS AND ACTIVITIES

3.1 Daily Task and Activities

Amid my 4(four) months temporary position at PRIMEX Infosys, I have dealt with various assignments, ventures and exercises. At first 3(three) months, I learn distinctive sort of dialects and last 1(one) month I have completed an incomplete OMS application venture. Here, I incorporates my day by day assignments and exercises by Table 3.1 which I take in my first 3(three) months temporary job.

WEEK	TASKS LIST					
	HTML Basic Concept (WWW & HTTP, HTTPS)					
	Basic HTML (Tags, Attributes, Paragraphs, Heading, Line Breaks,					
${f 1}_{ m st}$	Lists, Table, Font etc.). HTML Forms (Input, Text Fields, Password, Checkbox, Radio					
	Button, Text areas, Files, Buttons etc.).					
	HTML5 features.					
	CSS Paris CSS (Salardam Indomal CSS Entermal CSS Indian CSS					
	Basic CSS (Selector, Internal CSS, External CSS, Inline CSS,					
	Class, Id, background, font, text, padding, margin, border, hovering, pseudo Class & elements etc.).					
	Advanced CSS (border-radius, opacity, position, float, display,					
$2_{\rm nd}$						
_	visibility, transition box-shadow, gradient, text-effects).					
	Template design using CSS div.					
	Bootstrap					
	Environment Setup,					
	Grid System,					
	Tables, Form, Buttons, Images,					
3rd	Dropdown, Button group,					
	Navigation Element,					
	Bootstrap Plugin(Transition, Modal, Dropdown, Tab,					
	Tooltip, Alert, Button etc.).					

	Java Script			
4 th		Basic JavaScript (Syntax, Enable, Location, External,		
		Operator, Variables, Functions, Events, Statements, If, Else		
		If, While Loop, For Loop, Comments, Array, Alert,		
		Confirm, Print, Redirect, POP Up, Date etc.).		
		JavaScript String (Strings, Length, Search, Replace etc.).		
		JavaScript Advanced (Inner HTML, DOM manipulation,		
		Regular Expression etc.).		
5th	jQuery	¡Query Basic (Syntax, Selector, Events).		
3111		JQuery Basic (Syntax, Selector, Events).		
		jQuery Effects (Hide/Show, Fade, Slide, Animate, stop and so on.). jQuery HTML (Get, Set, Add, Remove, CSS Classes).		

Table 3.1: Daily Task and Activities

3.2 Events and Activities

During my internship, there was an event has been organized by PRIMAX Infosys about code force in there office. I was a volunteer there.

3.3 Project Task and Activities

DWDES means Electronic point of buy and sale systems or software that enables your business to process sales more efficiently. So that all the customers all over the country or world can buy products or ordering product by using their credit cards or other payment systems also there have facility for pay cash. Nowadays in UK, DWDES is very popular. People are investing money on ecommerce business, customers also very much interested to order product or sell products online because it is very easy to buy products and make choice. Those sites are offering home delivery and cash on delivery so the customers are more interested in it. Because they can check the product before payment is done. So, it is very useful for the people who want to Order products or sell product from their home.

3.3.1 Home Page

In every WDES application system have an attractive home page. Where generally have a header, main menu bar, mega menu bar, slider, product/ads listing part, footer, search bar etc.



Figure 3.1 shows a home page which I have done during my internship.

3.3.2 Ads Categories

In this website we tried to build a simple and comfortable ad categories menu bar so that the customer can easily find out their products.

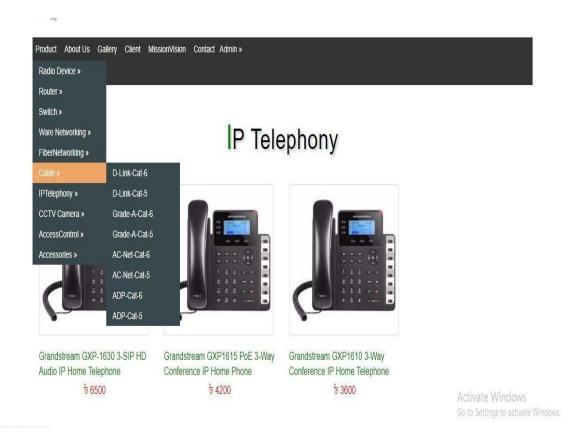


Figure: 3.2: Ads Category sample

The menu bar contains the drop down option which is also linked with another subpages. In figure: 3.2 we can get ideas about the menu bar and the drop down menu as well.

3.3.3 Ads Details Page

In every web application there have a contact page as well as enquiry form for any kind of query. Customer can ask several questions about the product or system. I also did the design of the following figure. There also add map for better identification about the location of the organization.

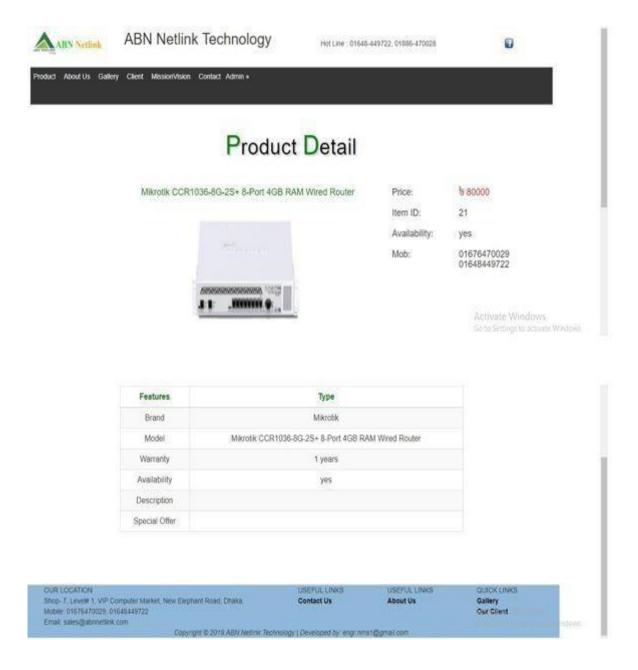


Figure: 3.3 shows the ad details in the website

3.3.4 About the Company

In the below figure we will get the details about our client company. Whereas the details are written very simply so that the customers can easily know about the company.

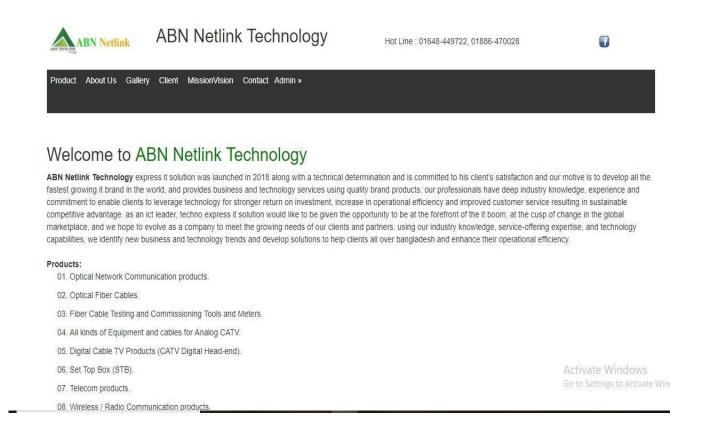


Figure: 3.4: About us page sample

Here some products are given also as so that customers can get some idea about the company products as well.

3.3.5 Contact Us

In a WDES application system must have a contact page with the admin or with the management so that they can interact with them. The process here is very simple some details of customer need to be share and then they can communicate.

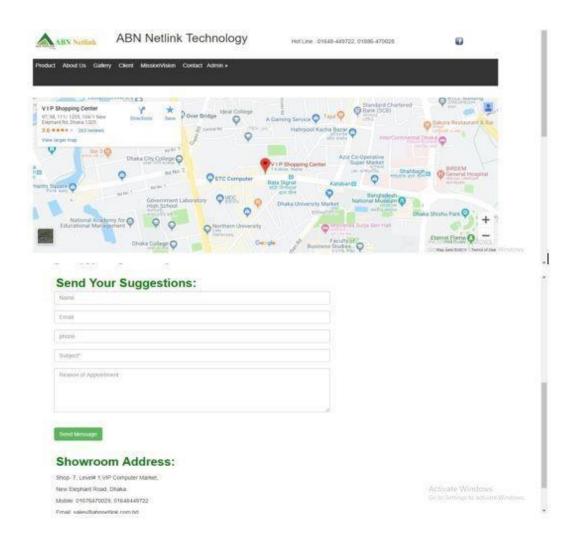


Figure: 3.5: Contact Page Sample

Besides the map also being used for the detail address of the company as well. Here the google map has been used.

3.3.4 Mission and Vision

In the website we tried to keep the company mission and vision as per the company management demands. Here the page is so simple to get some ideas about the company future plans. In figure: 3.5 we get a simple idea about the page.

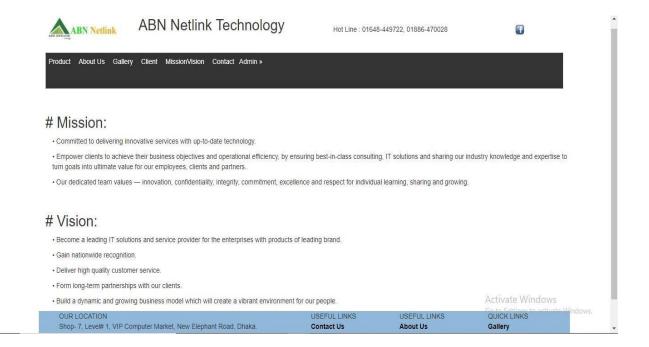


Figure: 3.6: Mission and vision page sample

3.4 Challenges

There are different types of challenges have to be faces during the DWDCAP software develop. Most commonly:

- Syntax error.
- Fatal error.
- Logical error.
- Program runtime error.

CHAPTER 4

COMPETENCIES AND SMART PLAN

4.1 Competencies Earned

The two main competencies I earned from this internship project is how to solve a problem and how to debug the problem.

4.1.1 Problem Solving Process

Problem solving process is the most important thing for a programmer. At first programmer try to solve any problem by relating to the human life and with the real world. And this is the way I always followed during this period to solve any problem. The things I always tried to maintain are:

- State the matter clearly.
- Describe the input and output info.
- Work the matter by hand for a particular set of information.
- Develop an answer that's general in nature.
- Test the answer with a spread of information sets.

4.1.2 Program Debugging

Troubleshooting is the way toward finding and settling of deformities that forestall right activity Of PC programming or a framework. Program investigating which I am following:

- Identify the blunder.
- Analysing the blunder.
- Prove examination.
- Cover sidelong harm.
- Fix the blunder.
- Validate the arrangement.

4.2 Smart Plan

The accompanying capabilities that my picked are the critical thinking procedure and Program investigating. These skills depend on exercises that I have done amid my entry Level position period and that satisfy my abilities and SMART learning goals.

4.3 Reflections

By and by, I will reflect how I worked as a site master. I will use for my

Appearance the SMART strategy, reflecting the conditions, assignments,

Exercises, results that I have experienced in the midst of my impermanent position period.

4.3.1 Reflection as Web Designer

I delineated in the past parts that the errands and undertakings that I have tackled are disengaged in the zone of site design and quality control. Curiously, these locales are generally parts of the learning I procured in the midst of my varsity preparing. This learning has helped me a lot with the exercises that I have enhanced the circumstances from PRIMAX infosys. I adequately inspected the structure of forming authentic code and reports. I made sense of how to investigate the market, target assembling and how to consider new techniques. The discovering that I got of my guidance has genuinely helped me around there of web enhancement. The primary area where I didn't have any data of was seek after the API and creating code. That is the reason the fundamental months of my transitory position were to some degree troublesome. Chiefly in light of the way that as a rule I didn't think about what was happening around me. Halfway my impermanent activity, I upgraded an incredible arrangement appeared differently in relation to the chief months. Looking for a substantial part of the things of coding alone have helped me a lot. In like manner watching and listening a lot to discourse that were held in the work environment has furthermore helped me an extensive measure to work.

CHAPTER 5 CONCLUSION AND FUTURE CAREER

5.1 Discussion and Conclusion:

Subsequent to handling through all periods of the framework improvement life cycle, the entryway is created. In future, it will be facilitated on the web server which will be gotten to by all individuals on the planet and can see the webpage and learn as much as news and data about the world. The Administrator or proof-reader will's identity allotted for altering or overseeing or controlling will be given the protected login data and will change or adjust the site according to the necessities. Additionally in future, we can add more highlights to help iPad, iPhone and other electronic gadgets.

Finding an item to offer online isn't a simple undertaking. Indeed, even with a million items benefit ready to offer web based, narrowing it down and picking one is no little accomplishment. Ordinarily, new online business people get so made up for lost time in endeavouring to locate indisputably the ideal item that they never begin. The thing is, there truly is no ideal item. There are awful, great and incredible items. Except for terrible items, great and extraordinary items can be our ideal item, if we have confidence in a long haul vision and will buckle down.

After careful observation, it has achieved my choice that electronic business has settled competently transformed into an essential bit of our overall population. The World Wide Web is and will have a significant part in our regular day to day existences. It is as such essential that free endeavours have their everything own in contention with the greater destinations. Since website specialists have low-flopped down the expenses for their organizations, it has ended up being more sensible for free dares to use the World Wide Web to offer their things. Notwithstanding the way that there are negative parts of online business, private endeavours have endeavoured to oblige the necessities of the customers. For example, one of the negative parts of web business is that purchasers don't have the insight and bearing of merchants, to suit that, they have customer seer-unfortunate propensity through the phone or online to answer any request. It is also basic to observe that electronic business does not benefit each and every little association correspondingly. How much pay a business gets from online business depends upon what kind of organization it gives. For example, a considerable number individuals should need to endeavour on articles of clothing before they get them, so it likely would not benefit an autonomous

organization that offers pieces of clothing as much as a privately owned business that offers home supplies or strong point books. Everything considered, online business benefits any business even in little ways. This is the reason it is basic to perceive how online business impacts private endeavours since it is winding up such a colossal bit of how society functions that it impacts the economy uncommonly and whatever happens to the economy impacts us. This is for what reason is it basic to understand this subject in light of the way that, as time goes on, it will impact us as a whole.

5.2 Scope for Further Career

So, in future a lot of manipulations can be done keeping in view the requirements of the users. If the system works as an online system, it becomes more efficient as compared to the one which is used offline only by a dealer. Such a system saves time as well as money of the users too. There is no need of a dealer as an intermediate between the seller and purchaser. The seller and purchaser can contact directly to each other. Enhance its features and increasing the number of services provided. Implementing higher level of security. Create a mobile application.

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Appendices

Appendix A: Internship Reflection

Amid my work involvement with PRIMEX Infosys, I was sufficiently blessed to have such kind of direction and learning, a wide range of sides of what goes into a task, the general procedure of how a venture is at first arranged, created and finished, and also how much work and detail goes into each stage. Another important exercise I have gotten the hang of amid these 3 months, were the a wide range of sorts of work an engineer needs to perform, which thus, have given me more understanding into the diverse kinds of jobs and obligations that I could perform, as a Web Designer.

Appendix B: Company Detail

PRIMEX Infosys is a digital creative agency. Which is committed to ensuring technology for humanity, well equipped with huge number of IT professionals. All have deep knowledge regarding their portion. PRIMEX Infosys is a leading provider of end-to-end IT services and solutions for global companies. Their offshore software outsourcing services and solutions are designed with a focus on secure, scalable, expandable and reliable business systems.