

AN INTERNSHIP REPORT ON FRONT END WEB DESIGN
–A STUDY ON GLOBAL IT

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APPROVAL

This Project/internship titled “AN INTERNSHIP REPORT ON FRONT END WEB DESIGN – A STUDY ON GLOBAL IT”, submitted by Name: Jobaer Ahmed Tamim ID: 151-15-209 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 Bachelor of Science in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 6th August, 2019.

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DECLARATION

I thusly pronounce that this undertaking has been finished by me under the supervision of Amatul Bushra Akhi, Lecturer, Department of CSE, Daffodil International University. I additionally announce that neither this venture nor any piece of this task has been submitted somewhere else for the honor of any degree or recognition.

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ABSTRACT

The "front-end dialects" live in the program. After you type a location into the location bar at the top and hit the enter/return key, my program will get at any rate an HTML record from the webserver. That document will probably advise the program to demand a CSS record and a JavaScript record also (most likely a lot more than one, however, we'll keep it basic).

Every one of these dialects plays out a different however significant capacity and they work agreeably together to decide how the page is Organized (HTML), what it Looks like (CSS), and how it Capacities (JavaScript). Furthermore, remember that my program handles making sense of how to make these documents into a working site page (not the server).

Front-end web improvement isn't structuring (you won't play around in Photoshop or anything), however, a front-end engineer applies crafted by planners to the website page by interpreting their well-planned formats into genuine code. The front-end engineer remains between the planner toward one side and the back-end designer on the other, making an interpretation of the structure into code and stopping the information from the back-end designer into the correct spots. The person in question should likewise deal with all the potential cooperations that the client may need to make with the page.

Toward the front, I should be exceptionally aware of who my client is and how they will associate with my website page since I am building their door to my page or item. This may mean picking up a solid comprehension of openness and things like responsive advancement down the line, on the whole, I have to develop my toolbox and get the basics of the front-end dialects.

In the accompanying exercises, you'll get a sound comprehension of every one of the three front-end dialects (the most famous JavaScript library). To get ready, we'll begin at an abnormal state.

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Chapter 1

Introduction

1.1 Introduction

Front-end web improvement is the demonstration of changing over data to a graphical interface for the customer to see and associate with data through automated participation using HTML, CSS. Front-end web improvement, generally called client-side progression is the demonstration of making HTML, CSS, and JavaScript for a website or Web Application so a customer can see and speak with them clearly. The test identified with front end improvement is that the mechanical assemblies and techniques used to make the front completion of a site change in every case along these lines the designer needs to consistently think about how the field is making.

1.2 Motivation

Experience firsthand strategy of making business area concentrated on design.to learn joint exertion based arrangement with co-originators. Finally wandering out a site authority in its market. Close to the begin, I make as a transition to work in front end Structure

1.3 Internship Objective

- ❖ Learning the related vernaculars in nuances.
- ❖ Finishing the endeavor in time.
- ❖ Picking up customer loyalties with a masterwork.
- ❖ Experience propelled examples and necessities of site structure
- ❖ Perceive and disentangle setup issues.

1.4 Introduction to the Company

1.4.1 Company Overview

Global IT – "Built for execution" Global IT is multi-homer and topographically situated on the edge of combining systems. Global IT server farm areas are topographically chosen dependent

on system execution, up-time, and responsiveness. In a perfect world situated inside the impression of the third biggest server farm offices on the planet and most noteworthy on the US West Coast. These office decisions give points of interest like a limited exorbitant vacation, sidesteps normal use or total issues, gives more alternatives, quicker association and reaction times from different systems and eventually enables Global IT to have the edge over the challenge by giving unparalleled execution. Inside the Global IT cloud, clients have the chance to trade data quicker and more proficient than contenders.

1.4.2 Mission

- To be the Front line in our particular Technique.
- To realize the best Uprightness, Capacity, and Improvement, models.
- To motivate all classes of people to use IT workplaces for more noteworthy proficiency.
- To motivate the young age for using IT to develop their imaginativeness.

1.4.3 Vision

To add to the general improvement of our country by giving open IT organizations to the people of all strata with the essential condition and committed organizations.

1.4.3 Value

Sketched out underneath are values that we hold dear. These qualities were created 100% inside and manage the manner in which we treat one another and the manner in which we work with our customers.

1.5 Report Layout

Picture says a lot about anything, so it is better to present the whole project in a simple way with the help of a figure for better understand about the project. The project report consists of 6 chapter. Outline of this chapter with a brief summery is discussed below through demographic representation:

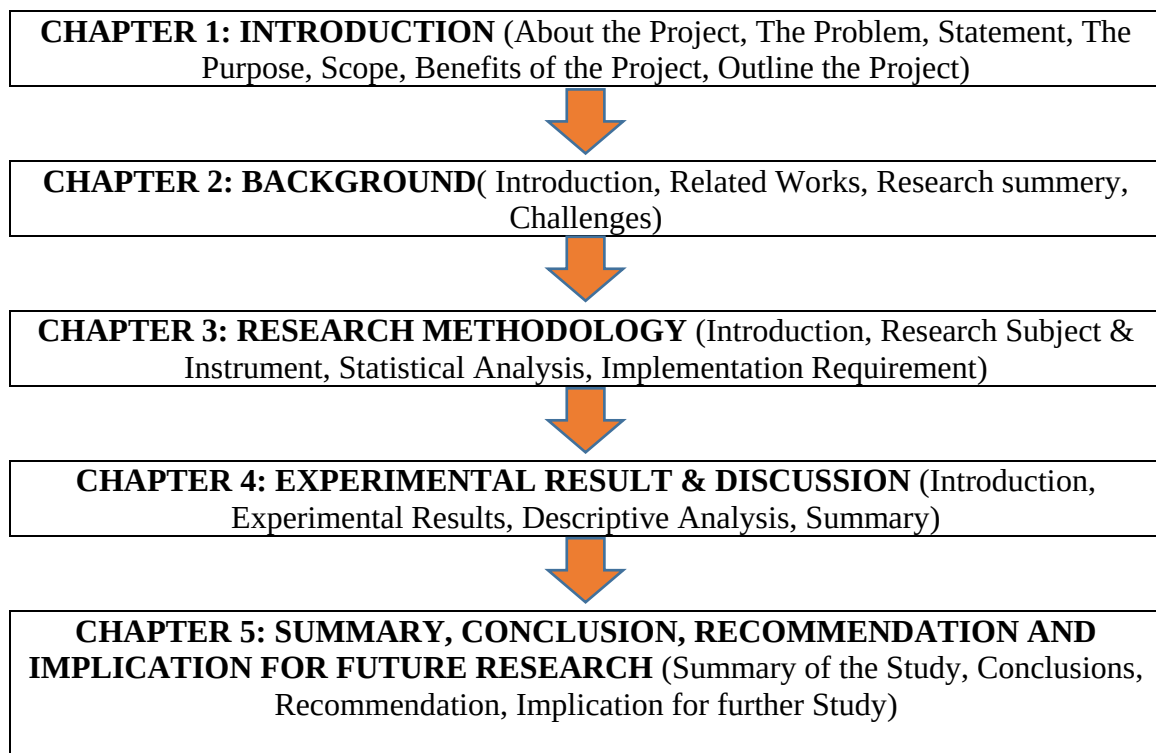


Figure 1.1: Outline the project

Chapter 2

Organization

2.1 Introduction

Global IT is one of the pioneers of Online business advancement and Programming **Improvement** Organization in Bangladesh, In the event that you have the Dedication and Want to dispatch your Web-based business site, we have the experience and mastery to make it a triumph! what's more, with More than 5 years of involvement with 200+ Internet business improvement around the world, we realize how to plan and construct a shocking on the web site for your business. You need a simple to deal with a framework that doesn't expect you to be a specialized master, and in particular, you need a solid and quick site that is there when your clients need it. An expert, simple to utilize and well-kept up Web-based business site is the fundamental key to making an effective online business. our Web-based business shopping basket programming makes it simple to deal with your site. More than 5 years of Web-based business experience and many years of business experience implies we comprehend your business or organization needs, we comprehend that you have to work to a financial limit and due date, and we realize how to get results on the web. Internet business is an astounding path for retailers to improve their primary concern and advance their image.

2.1 Product and Market Situation

2.1.1 Products of Global IT:

2.1.1.1 E-COMMERCE DEVELOPMENT

- ❖ eCommerce Development
- ❖ Magento Development
- ❖ WooCommerce Development
- ❖ Theme Development
- ❖ Extension Development
- ❖ Speed Optimization
- ❖ Bug Resolving Services
- ❖ Marketplace in Magento

2.1.1.2 WEB DESIGN

- ❖ Dynamic Web Solutions
- ❖ Custom Web Design
- ❖ Web Application
- ❖ Web site Re-Design
- ❖ Website Maintenance
- ❖ Our Design Process
- ❖ Recent Development Site

2.1.3 Market Situation

1500+ Happy Clients around the . We're developing new associations each and every year, and we've been working with a few comparative clients for more than 10 years now. We figure you may have a sneaking uncertainty of why that is, any way you'll never know until you give us a shot! That infers Global IT Universes Market condition is incredible.

2.3 Target Group

Global IT 's for the most part target gathering are worldwide gathering, Joint endeavor organization the individuals who need to make their site or redesign their site. Global has additionally some instructional class for the understudy who truly needs to find out about web improvement, internet business and subsidiary promoting.

2.4 SWOT analysis

SWOT assessment is a basic essential masterminding gadget that can be used by Global IT chiefs to finish a situational examination of the affiliation. It is a noteworthy procedure to grasp the present Characteristics (S), Inadequacy (W), Openings (O) and Perils (T) Global IT Universes looking in its present business condition.

The Global IT is one of the fundamental relationships in its industry. Global IT keeps up its prominent position in the market through mindfully researching and investigating the SWOT assessment. SWOT assessment an enormously canny system and requires practical

coordination among various offices inside the relationship, for instance, – advancing, account, undertakings, the official's information structures, and key masterminding.

2.4.1 Strengths of Global IT

As one of the main firms in its industry, Global IT has various qualities that empower it to flourish in the commercial center. These qualities not just assistance it to ensure the piece of the pie in existing markets yet in addition help in entering new markets. In light of Greenery Post College broad research – a portion of the qualities of Global IT are –

- ✓ Highly successful at **Go to Market strategies** for its products.
- ✓ Strong Free Cash Flow
- ✓ Successful track record of integrating complimentary firms through mergers & acquisition.
- ✓ Successful track record of developing new products.

2.4.2 Weakness of Global IT

- ❖ Need more investment in new technologies.
- ❖ Not very good at product demand forecasting leading to higher rate of missed opportunities compare to its competitors.
- ❖ Limited success outside core business.
- ❖ The company has not been able to tackle the challenges present by the new entrants in the segment and has lost small market share in the niche categories.
- ❖ Financial planning is not done properly and efficiently.
- ❖ There are gaps in the product range sold by the company.
- ❖ The profitability ratio and Net Contribution % of Global IT are below the industry average.

2.4.3 Opportunities for Global IT

- ❖ The market development will lead to dilution of competitor's advantage
- ❖ an opportunity to Global IT to practices differentiated pricing strategy in the new market.
- ❖ Economic uptick and increase in customer spending, after years of recession and slow growth rate in the industry

- ❖ Stable free cash flow provides opportunities to invest in adjacent product segments.

2.5 Organizational Structure

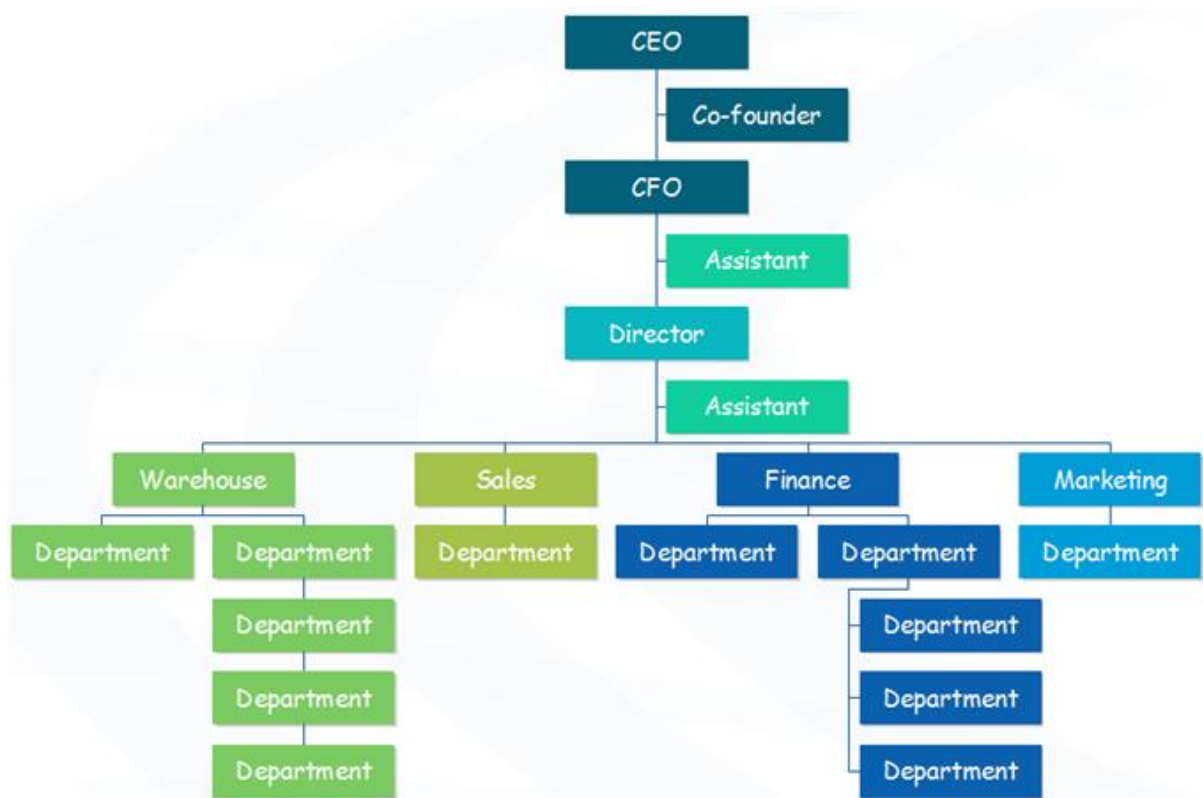


Fig 2.2: Organizational Structure of Nano IT

Chapter 3

Tasks, Projects and Activities

3.1 Daily Task and Activities

Global IT is extraordinary compared to other organization in our nation. Here I Doled out an Internee for 90 Days. Here I learn and practice about front end structure for Web composition and created. As an apprentice engineer, I Practice in this organization HTML and CSS. HTML and CSS are most significant for front end web architecture. I consistently work in this IT Organization 09:00 am to 5:00 pm in seven days. I work there in a group. My colleague is so useful.

3.3.1 Design Specification:

3.3.1.1 Home Page:

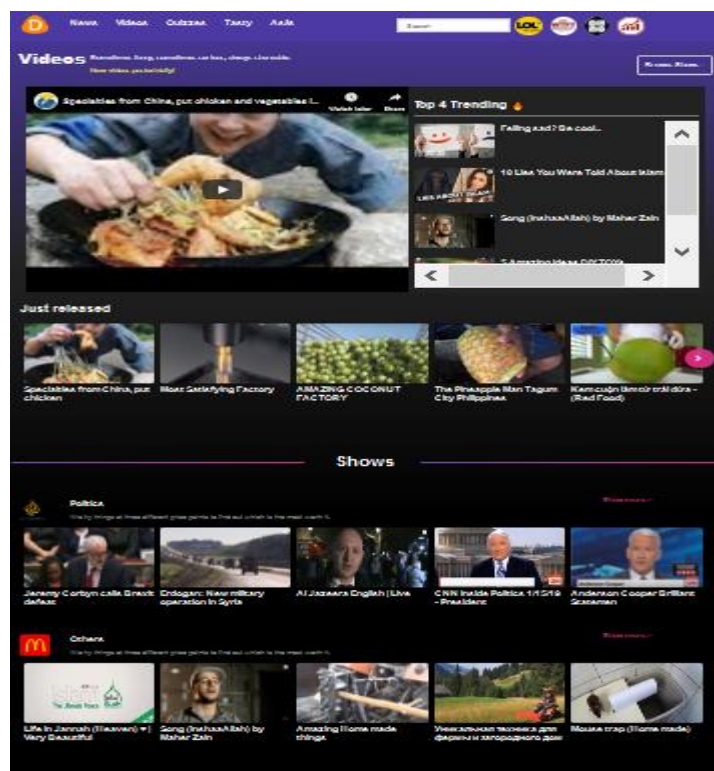


Figure 3.3.1.1 Home Page

3.3.1.7 User Registration Form

Home / Registration

REGISTER ACCOUNT

If you already have an account with us, please login at the login page.

First Name	Last Name

Email address

District	Post Code
Dhaka	1206

Address

Contact No (8801*****)

Your Password

Password

Confirm Password

Registration

Fig 3.3.1.7: User registration Form

3.3.1.8 User Log in Form

Login

Email address



Password



Login

[Forgot password?](#) If you are new user than [Sign Up](#) first.

Fig 3.3.1.8: User Log in Form

3.3.2 Use Case Diagram:

A usage case diagram is a dynamic or direct chart in UML. Use case layouts model the helpfulness of a structure using on-screen characters and use cases. Use cases are a ton of exercises, organizations, and limits that the structure needs to perform.

In the first place, must be login necessity when clients perform Static activity in a page. Clients can refresh their profile. After administrator login, administrator can and Item thing. Administrator can increment and announcements Parts cost. Administrator can make an exceptional offer. Administrator can see all clients' profile.

3.3.5 Design & Development Process Model of GIT

Ten Periods of the Web architecture and Advancement Procedure.

Global IT Ltd. is a full-administration web promoting firm, offering PHP my-SQL driven website composition and improvement, and premade prepared to-go web application Administration Organization. We convey the best powerful, propelled, rich web application advancement is actually what you are searching for. Building a site, such as structure a house, requires arranging and thought with the end goal for it to be a fruitful site. There are not many procedures will give you a manual to find out about our work process. I would be glad to assist you with each progression all the while.

Step 1: Preparation Phase

- Gather client content
- Register domain
- Deploy client extranet

Step 2: Planning Phase

- Write project plan
- Create site blueprint

- Establish project timeline

Step 3: Graphic Design Phase

- Find stock images
- Create site design mockup
- Post mockup on extranet for client review
- Revise mockup based on client's input
- Obtain final approval on design

Step 4: Build Phase

- Review client content
- Slice mockup into images
- Create master HTML template page
- Create CSS stylesheet
- Test and tweak page in supported browsers
- Create additional pages from master HTML template and add client content to each
- Build and test contact form

Step 5: Review Phase

- Present a site for customer audit
- Amend as required
- Get last customer endorsement

Step 6: Pre-Production

- Register area
- Make (physical) work envelope
- Enter work into Creation spreadsheet
- Spot organizer in the line to anticipate generation

Step 7: Preparation

- Pick a format
- Set-up neighborhood envelope and venture records

- Discover stock pictures, if fundamental; or download customer documents from Album
- Make facilitating and FTP account
- Submit the admission structure to copywriting office
- Dole out the undertaking to an in-house or outside colleague

Step 8: Production

- Creation
- Acquire site duplicate from copywriting office
- Make pages from the format and add customer substance to each
- Implant map, if fitting, and client video
- Set up and test contact structure
- Include title labels, META portrayal and catchphrase labels to each page
- Direct space toward host servers
- Make and submit XML Sitemap

Step 9: Approval

- Contact customer for survey
- Submit corrections to planner
- Contact customer for definite endorsement
- Document work envelope

Step 10: Delivery and SEO

- Transfer to your site
- Conveyance and appreciate.
- Extract better web crawler advancement.

3.4 Challenges

When I at first started as a front-end website specialist, the quantity of learnings which I need to do were huge. The code documentation was limited. Around at that point, I didn't for the

most part have a manual for assistance me through the learning system so I expected to learn without any other individual as a rule. Likewise, I was given a great deal of endeavors which were hard with a confined time spending plan.

One of my senior gave a cool method which he continually used it in her step by step works. It turned out she depended overwhelmingly on a "search in index" instrument to gain proficiency with various bits of the codebase. Starting there, I made sense of how to use that method also close by Google search. After a concentrated request, gigantic measures of examinations and tests, I wound up used to get acquainted with a codebase in a brief time period on various sorts of programming lingos.

There were times when I expected to get some assistance from others. Luckily, the majority of my companions were useful and prepared to help at whatever point I asked them.

Not the majority of my works were great. A portion of my works transformed into a debacle and influenced incredibly to my organization. Be that as it may, once more, luckily, my friends and my bosses effectively pardoned me and were happy to assist me with fixing the issue. From that point, I figured out how to manage a mix-up and how to gain from that.

Fundamentally, what I did was simply learning by doing. Not so gaudy to be sure. Perhaps I was only fortunate to be in a working environment where individuals are urged to learn by errors.

Presently I generally advise my encounters to the new enrollment specialists. Our present condition isn't as brutal as in the past, however at any rate other individuals can gain from my past missteps.

Chapter 4

Competencies and smart plan

4.1 Competencies

In my investigation, I have Gained from Frontend configuration by utilizing HTML ,CSS Bootstrap. These instruments are fundamental for frontend plan as a novice designer.

4.1.1 Hypertext Markup Language (HTML):

HTML was created by Tim Berners-Lee in 1987. HTML is the standard markup language for making Site pages. HTML represents Hypertext Markup Language. It depicts the structure of Site pages utilizing markup. HTML components are the structure blocks of HTML pages. Its components are spoken to by labels. Its labels mark bits of substance, for example, "heading", "section", "table, etc. Programs don't show the HTML labels yet use them to render the substance of the page. [15]

4.1.2 Cascading Style Sheet (CSS):

Hakon Wium Falsehood is the dad of CSS. Untruth proposed the idea of Falling Templates (CSS) in 1994 while with the W3C. CSS represents Falling Templates. CSS portrays how HTML components are to be shown on the screen, paper, or in other media. It spares a great deal of work. It can control the format of numerous website pages at the same time. Outer templates are put away in CSS documents. [15]

CSS

- Cascading Style Sheets (CSS)
- Simple mechanism
- Easy for adding style (e.g., fonts, colors, spacing) to Web documents.

4.2 Smart Plan

In this Report, I Take Concentrate About Frontend Plan by HTML and CSS. I figure this isn't adequate I need more practices. In the wake of Completing my Examination I planning to get some answers concerning Bootstrap, JavaScript, PHP.

Chapter 5

Discussion, Conclusion AND Scope for Further Career

5.1 Discussion and Conclusion

My goal was to make the frontend of the site adventure given by Nano IT. I have made each important stride using HTML and CSS and adjusted well about these subjects. The coursework suitably set me up for the master substance of the brief occupation. I stood up to a couple of challenges while doing the CSS padding and arranging the site substance. After work, I've made sense of how to function in a specialist way.

5.2 Scope for Further Career

There is a lot of room to improve the structure of the site. This work is just the principal game plan of the endeavor. We can incorporate some more segment later on if vital. Future work can portray more use cases for different purposes like renting vehicles and a great deal of things on enthusiasm for Vehicle Buyers. The other gathering has formally done the backend part of the undertaking. They in like manner will do some improvement is principal.

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