

**AN INTERNSHIP REPORT
ON
FRONT END WEB DESIGN- A STUDY ON TECHBEEO**

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January 14, 2021

APPROVAL

This Project/internship titled “AN INTERNSHIP REPORT ON FRONT END WEB DESIGN –A STUDY ON TECHBEEO”, submitted by Name: Md. Sabuj Miah, ID: 171-15-1232 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 January 14, 2021.

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I thusly pronounce that this undertaking has been finished by me under the supervision of Mr. Amit Chakraborty, 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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ACKNOWLEDGEMENT

I am very much thankful to my advisor **Mr. Amit Chakraborty, Lecturer**, Department of CSE, Daffodil International University who guide me nicely to do this work. His patience and mentality always gives me a spirit that how can we complete this work. He provides all type of resource related with this. So I can get the actual theme to fulfill my work. Gives special thanks to **Mohammad Jahangir Alam, Lecturer**, Department of CSE, Daffodil International University who gives me nice idea related to this work. Which process I can complete this work he gives me the suggestion.

Saif Mahmud Parvez, Lecturer, Department of CSE, Daffodil International University, Permanent Campus, **Dr. S.M. Aminul Haque, Associate Professor and Associate Head**, Department of CSE Daffodil International University, Permanent Campus and **Professor Syed Akhter Hossain, Head, Department of CSE** gives them special thanks that's why I can fully complete this work.

Finally, I gives thanks to my family for their guide and their support I can complete my final year project. I complete my work nicely and get a spirit that in future I can fluently doing my work to achieve my goal.

ABSTRACT

The "front-end dialect" program is live. After you type a location in the location bar above and press the login/return key, My Program will receive an HTML record from Webster at any rate. This document will probably suggest the program to claim a CSS record and a JavaScript record (probably more than one, however, we will keep it basic).

Each of these dials plays a different but significant power and they work together to determine how the page is organized (HTML), what it looks like (CSS), and how it is capable (JavaScript). In addition, keep in mind that my program manages to understand how to create these documents on a functional site page (not the server).

Front-end web improvements are not structured (you don't play in Photoshop or anything else), however, front-end engineers decorate the website page by the planners explaining their well-planned formats in the original code. The front-end engineer stays between the planners on the one hand and the back-end designer on the other, interpreting the code of the structure and stopping the information from the designer at the back to the right spot. The person in question should similarly deal with the client with all possible cooperation necessary to create the page.

On the front, I should be surprised about who my clients are and how I am creating their item on my website or page so they can be added to my website page. This may mean embracing issues such as a stronger perception of openness and fully responsive progression. Overall, I need to develop my toolbox and get the basics of front-end dialects.

In practice with, you will get an understanding of each of the three front-end dials (the most famous JavaScript library). To get ready, we'll start in an unusual situation.

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Chapter 1

Introduction

1.1 Introduction

From the beginning of my internship, I was assigned to a real-life ongoing project. I worked on a part which is front-end design. Moreover, if the internship is in a graduate program and students have to return to the academy after completing it, the skills and techniques they have developed during the internship will help them achieve more artistic results. Daffodil International University (DIU) offers its students the glorious opportunity to have an internship in their undergraduate program. I joined TechBeeo Software Limited as an intern. Expectations were high and now towards the end of my internship, I must admit that it was a really great experience. Front-end web improvement is the use of HTML, CSS to display data over the graphical interface for customers to view and connect to data through automatic participation. Front-end web improvements, commonly called client-side progressions, demonstrate the creation of HTML, CSS, and JavaScript for a website or web application that allows customers to clearly see and talk to them. Along these lines are used to complete the transformation of a site in each case The designer has to constantly think about how the field is being created.

1.2 Motivation

The journey was not unnecessarily basic there were a few obstacles, new advances that I really had to deal with, at any moment in each test I found myself with the possibility of a spike and span in the intervening time. I myself have discovered absolutely new possibilities in the break. The talents that I have actually accumulated are invaluable for me and I can't wait to use them in my upcoming career. In addition, after that, some non-specialized skills that I have been associated with specialized skills will benefit my future careers. Experience the first strategy to focus the business field on design. Learn to work together with co-investors. Finally wandering for any site authority in its market. Near the start, I make a shift to work on the front-end structure.

I am hopeful of fixing a few new hurdles and I believe this will give me a great gain from TechBeeo Software Ltd. This internship program will give me a fair chance to expand my calling in the programming industry. Since I am an outspoken person, I have contributed to the TechBeeo Software Limited work process and learned as much as I can. Facing this internship

program gave me an idea about my future calling and it was a cruel advance for my future training and my career.

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

TechBeeo Software Limited is a B2B programming advancement organization set up in 2012. Since its foundation, the organization has made exceptional progress in creating and conveying a surge of imaginative items, administrations, and arrangements in the given field. Working with a portion of the world-driving organizations, it has acquired a standing as a provider of the most solid programming solutions. TechBeeo helping clients improving their activities, drive development, and rapidly adjust to changes in business requests. It offers profound industry-explicit applications and suites, designed for speed, and with an inventive client experience plan that is straightforward, straightforward, and exquisite. TechBeeo gives adaptable organization alternatives that give clients a decision to maintain their organizations in the cloud, nearby, or both.

1.4.1 Company Overview

1.4.2 Preferences for utilizing Techbeeo

- Techbeeo ERP software will save you valuable time as well as reduce your costs.
- Techbeeo ERP software is cloud-based so you can know the latest status of your company from any part of the world in a matter of moments.
- Techbeeo ERP software will prevent your company's products from being wasted, lost, stolen, or miscalculated, thereby reducing your company's losses.
- With the use of Techbeeo ERP software, there is no need to waste valuable time on register books, work order books, invoice books, or other ledgers to maintain business accounts.
- Techbeeo ERP software will protect all your accounts. So the mistake you made while working hand-in-hand with the use of Techbeeo ERP software is no more.

- Any information or report (sales report, stock report, etc.) will come in front of you instantly with a little click on Techbeeo ERP software.
- In Techbeeo ERP software you can find your business reports by any category. You can also find out which products will expire quickly. So you can decide which product you should increase your stock of and which product you should sell faster.
- Techbeeo ERP Software There is no fear of losing important documents of your business. Everything will be stored in the software. Search on demand and get the necessary documents right away.

1.5 Report Layout

The chart says a lot about something, so it is better to present the whole project in a simple way with the help of an image to better understand the project. The project report has 5 chapters. The outline of this chapter with a brief summary is discussed below by presenting the population:

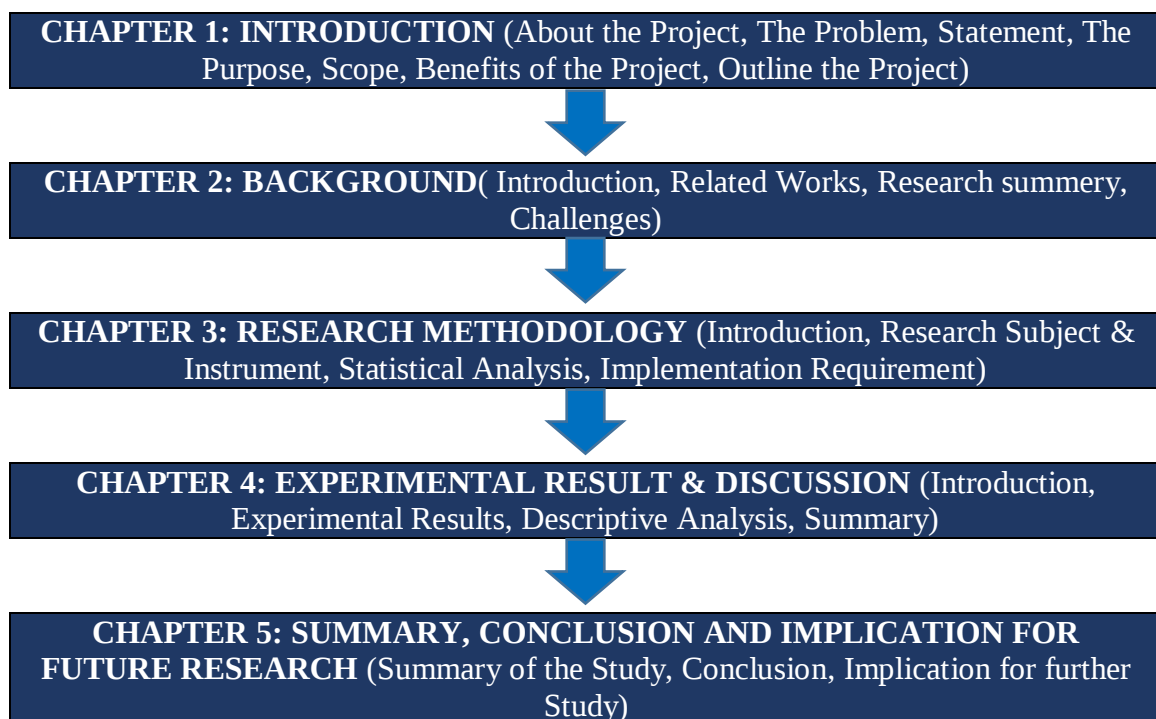


Figure 1.1: Outline the project

Chapter 2

Organization

2.1 Introduction

Techbeeo – "Built for execution" Techbeeo is multi-homer and topographically situated on the edge of combining systems. Techbeeo 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 Techbeeo to have the edge over the challenge by giving unparalleled execution. Inside the Techbeeo cloud, clients have the chance to trade data quicker and more proficient than contenders.

2.1 Product and Market Situation

2.1.1 Products of Techbeeo:

a) Inventory Management

TechBeeo Inventory Management software provides a whole range of inventory management, assembling, and purchasing capabilities that encourage the transfer to the right place at the right time and at the right cost. With TechBeeo, you'll have the option to better meet all possible supervision levels, costs, and satisfy desires to improve client support. TechBeeo Inventory Management Software answers overall inventory management for you, controlling inventory, following issues, guaranteeing satisfactory delivery, increasing the profitability of the

distribution center, moving from stockroom to stockroom, and essentially reducing paper flow. TechBeeo Inventory Management Software is the ability to notify and track manufacturer's chronic numbers, create and print internally standardized tags, and authenticate costs and guarantee it to be different from any other inventory structure.

Feature:

- Products/Item Management System
- Multiple Warerhouse Management System
- Purchase Receipt
- Delivary note
- Material Issueue
- Sales Return
- Purchase Return
- Projected Quantity
- Accounting of Inventory Stock
- Item vauation FIFO and Moving Average
- Opening Stock
- Landed Cost
- Collaboration Tools:
 - ❖ Messages
 - ❖ Notes
 - ❖ Calender
 - ❖ Assignment
 - ❖ Tags
 - ❖ Collaborating Around Forms

b) Account management

TechBeeo Accounts Management Software is a complete framework aimed at solving the problems of current experts. This displayed item gives standard time and charge, it works your whole practice to top profit with ongoing admissions to the basic organization, employee, and customer data. With the TechBeeo account management software, project leads get a total picture of each record, resulting in refresh door details including correspondence, correspondence history, activity history, general archives, notes, track agreements and records acceptable, all client data including financial inquiries, and reports. Generate purchase requests and more.

c) Human Resource Management

Your organization's most significant resource, when it comes to estimating its workforce, is to limit what you have spent on overseeing it. Moreover, as your organization develops, a variety of diverse and scattered workforce becomes a necessity as well as the discovery of saving, adaptive answers to oversee your development. TechBeeo Human Resource Management software also covers connected cycles for dealing with a group of additional collaborators. The key component here is preparing money by employing a salary manager to produce a payslip. The agency has a number of rules for tariffs and government-run retirement from representative finance. TechBeeo Human Resource Management software allows extensive assessments and their calculations to be mandatory. It similarly sets up total representative data, including contact data, the fineness of compensation, participation, evaluation of performance, and evaluation records. TechBeeo Human Resource Management Software is an integrated, natural, adaptable, and complete HRM system that provides an interesting favorable position for resolving these issues through schedules, notes, messages, to-dos, and day-to-day movements.

2.1.2 Market Situation

We are building new associations of about 1500+ happy clients each year and we have been working with a few comparative clients for over 10 years. We understand that because of this you may have some risk uncertainty, you will never know unless you give us a shot! Companies are always looking for effective working hours and ways to get the best output from employees in order to increase the market condition of TechBeeo Universe with incredible inf productivity and profit. This is very difficult to achieve in the field of Information Technology (IT) because there are many opportunities for steelwork period. For managers, it is very difficult to look at all employees at once to monitor their activity. Also must be physically present at the employee's desk to observe the activities of the employee manager. There is much software for remote desktop monitoring but they have many limitations. So companies need a system through which every employee can be monitored in a chair without knowing it.

2.2 Target Group

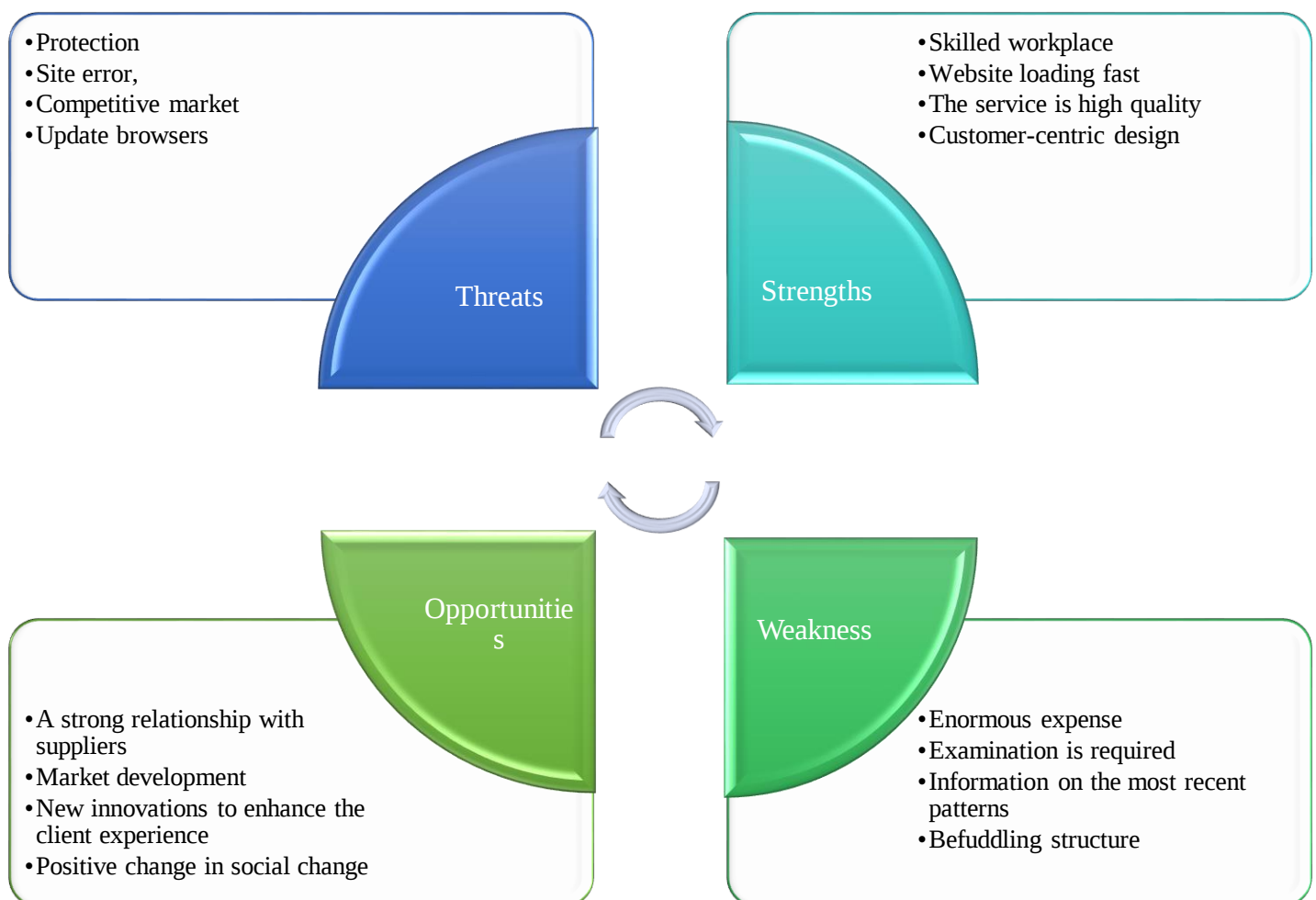
For the most part, TechBeeo is a global gathering, a joint venture organization of people who need to build their site or redesign their site. TechBeeo has some additional instructional classes

for extra short students who should look for real web improvement, internet business and helpful promotional campaigns.

2.3 SWOT analysis

SWOT assessment is a basic essential masterminding gadget that can be used by Techbeeo chiefs to finish a situational examination of the affiliation. It is a noteworthy procedure to grasp the present Strengths (S), Weakness (W), Opportunities (O) and Threats (T) Techbeeo Universes looking in its present business condition.

The Techbeeo is one of the fundamental relationships in its industry. Techbeeo 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



2.5 Organizational Structure

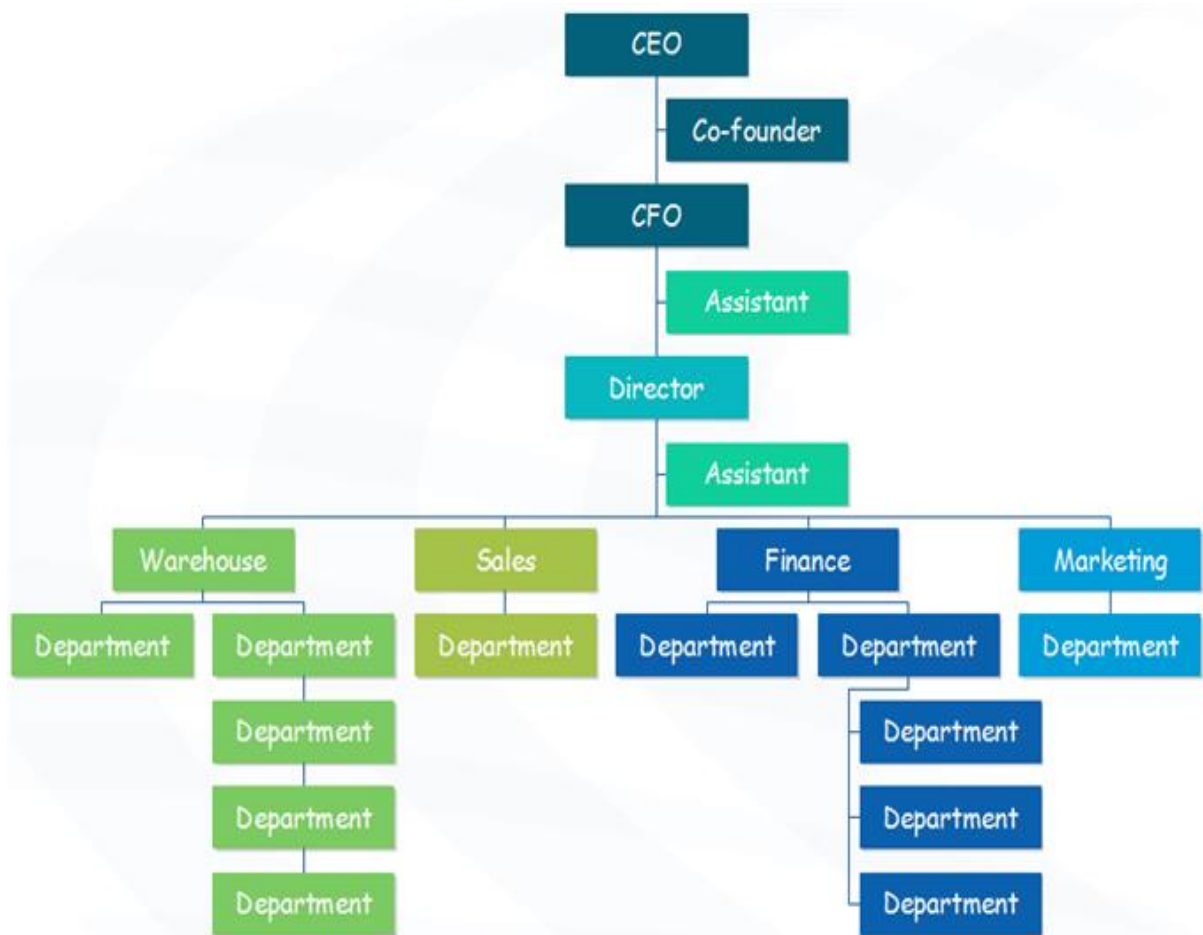


Fig 2.5: Organizational Structure of Techbeeo

Chapter 3

Tasks, Projects and Activities

3.1 Daily Task and Activities

TechBeeo is great compared to other organizations in our nation. Here I did an intern out for 90 days. Here I learn and practice front-end structures for web design and creation. As a trainee engineer, I practice HTML and CSS at this company. HTML and CSS are most notable for front-end web architectures. I work in this IT organization for seven consecutive days from 9:00 am to 5:00 pm. I work in a team there. My colleague is so useful.

3.1.1 Design Specification:

Different types of websites have different types of specifications. One can include both design and development, where already only design etc. can be built. The content of this section will depend on creating a design for my project. In this chapter, I will discuss the design of my project.

3.1.1.1 Home Page:

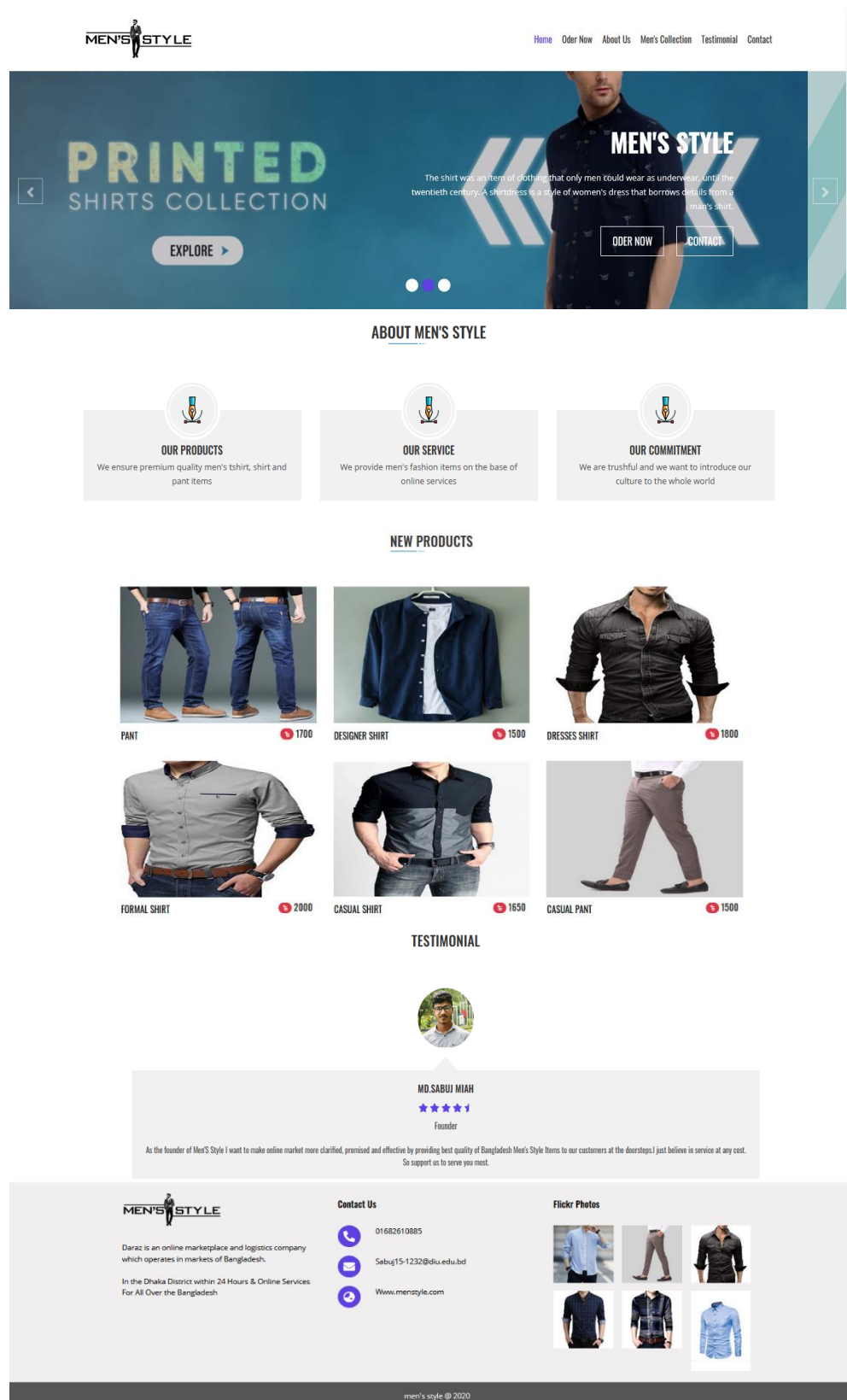
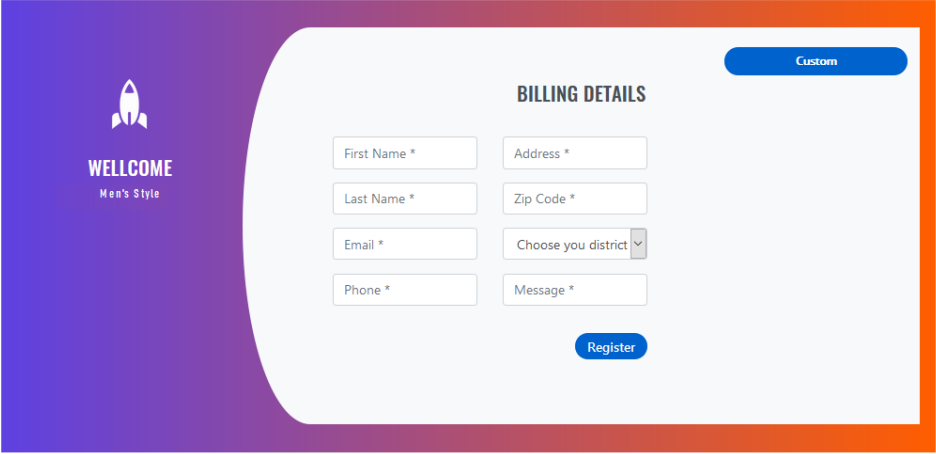


Figure 3.1.1.1 Home Page

3.1.1.2 User Registration Form

REGISTER FORM

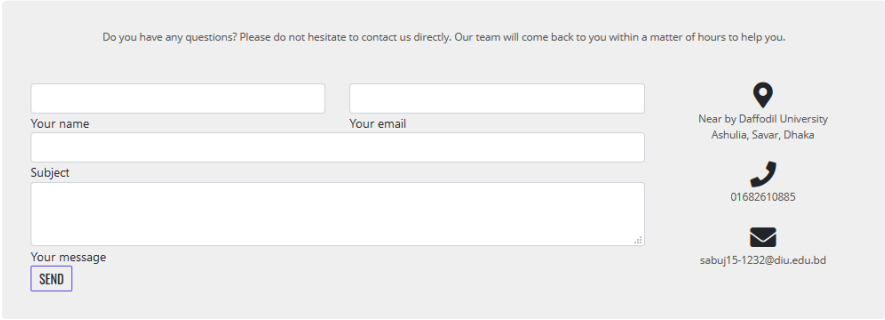


The registration form is titled "REGISTER FORM" and is for "Wellcome Men's Style". It features a purple and orange gradient background. On the left is the "WELLCOME Men's Style" logo with a rocket icon. The main form area is titled "BILLING DETAILS" and includes a "Custom" button. The form fields are: First Name *, Address *, Last Name *, Zip Code *, Email *, Choose you district (dropdown), Phone *, and Message *. A "Register" button is at the bottom right.

Fig 3.1.1.2: User registration Form

3.1.1.3 Contact US

CONTACT US



The contact form is titled "CONTACT US" and includes a message: "Do you have any questions? Please do not hesitate to contact us directly. Our team will come back to you within a matter of hours to help you." The form fields are: Your name, Your email, Subject, and Your message (with a "SEND" button). On the right, contact information is provided: "Near by Daffodil University Ashulia, Savar, Dhaka", phone number "01662610885", and email "sabuj15-1232@diu.edu.bd".

Fig 3.1.1.3: Contact US

3.1.3 Design & Development Process Model of Techbeeo

Ten Periods of the Web architecture and Advancement Procedure.

TechBeeo Software Limited is a fully managed web promoter, PHP provides the design and development of my-SQL powered websites, and the Web Applications Administration Organization is ready. We offer the best powerful, powered, rich web application progressions that you are actually looking for. Building a house, like building a house, needs to be arranged and thought through with the ultimate goal of making it a fruitful site. There aren't many methods that will give you a manual to find out about our work process. I will be happy to help you progress every time.

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 first started as a website expert, the amount of learning I had was huge. Code documentation was limited. To this point often I didn't have a manual to help me through the learning system so I hope to learn without any other person as a rule. As such, I was given a lot of effort which was strict with a plan to spend a limited amount of time.

One of my elders gave me a great method that he regularly uses step by step. It was found that he relied heavily on the "search index" material to master the various bits of the code base. Starting from there, I figured out how to use that method by Google search. After a concerted request, after a huge set of tests and experiments, I got used to being familiar with a code base of a variety of programming genders in a short period of time. There were times when I expected to get some help from others. Luckily, most of my companions were helpful and I asked them for help at any moment

Most of my work was not great. Part of my work was transformed into frustration and incredibly affected my organization. Luckily, my friends and my bosses effectively forgave me and were happy to help me solve the problem, whatever it was. From there, fig on how I can handle a mix-up and how to achieve it

Basically, I just had to learn what I did. Not so many fans to be sure. Perhaps I was just fortunate enough to be in a working environment where people are prompted to learn by mistake.

Currently, I usually give my face-to-face advice to new enrollment experts. Our current situation is not as brutal as the past, but at any rate, other people can benefit from my past missteps.

Chapter 4

Competencies and smart plan

4.1 Competencies

In my investigation, I got from the frontend configuration using HTML, CSS bootstrap. These instruments are fundamental for any novice designer to plan ahead. Achieving something great is not an easy task. There are lots of websites with good quality. I confronted them and tried to prepare myself. As a beginner, I need to learn a lot more about this field to become more proficient.

4.1.1 Problem Solving Process

The process of problem-solving is most important to a developer. Initially, a software engineer tries to understand this, how a person takes care of this problem, and then see how it can be explained in programming. The critical thinking process I'm following:

-  Describe data and yield data.
-  Clarify the matter.
-  Work hand in hand with the issue to arrange the data.
-  Develop an answer that is common in nature.
-  Examine the appropriate response, including the spread of data sets.

4.1.2 Program Debugging

Debugging is a way of finding and resolving imperfections that avoid the proper functioning of the PC programming or framework. The program I'm following is investigating:

-  Mark the mistake.
-  Incorrect analysis.
-  Prove the investigation.
-  Horizontal damage cover.
-  Fix the mistake.
-  Verify the system

4.2 Smart Plan

The biggest thing is to achieve something great. I need more practice and research. Technology updates daily. I need to keep myself updated with new technology to survive in the competition of big markets.

-  You should research your website and try to improve the quality of the website.
-  Be aware of the design it should be unique.
-  I should be aware of the updated version and work with the latest version.
-  I should increase my knowledge and learn more and new languages for web development.

In this report, I focus on the planning ahead by HTML and CSS. I feel like it's not enough I need more practice. After finishing my test I plan to get some answers related to Bootstrap, JavaScript, PHP.

Chapter 5

Discussion, Conclusion & Scope for Further Career

5.1 Discussion and Conclusion

The internship program in “TechBeeo Software Ltd.” is created me aware of the skilled company culture. They also principally influence me the technologies. This program help me to teach how to take challenge with new technologies, higher developing skills, and develop common sense myself. My goal was to make the frontend of the site adventure given by Techbeeo. 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.

This program also give me a vast experience to work with team which improve my team work capabilities. From Team discussion I learn a lot. From I also learn about leadership how to work with team members. So I very thankful to my company, my teammates and my colleagues. I am also very thankful to the Department of CSE, Daffodil International University for give an opportunity to gain idea of the competitive environment in professional field. The working in this professional field raised my development skill which help me in the terms of style and committal to writing.

5.2 Scope for Further Career

The internship on Web Development will help me to start my career on Frontend Designer. The real-life project is too hard .It not similar to the academic course. There are different requirements for clients. I also learned business policy on the field of Web development. 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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