

INTERNSHIP ON WEB DESIGN AND DEVELOPMENT

BY

KAMRUL ISLAM

ID: 173-15-10387

This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering ^[Font-14]

Supervised By

Md. Abbas Ali Khan Senior Lecture

Department of CSE
Daffodil International University

Co-Supervised By

Md. Sadekur Rahoman

Assistant Professor
Department of CSE
Daffodil International University



DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

DECEMBER 2020

APPROVAL

This Project titled “**WEB DESIGN AND DEVELOPMENT**”, submitted by Kamrul Islam ID: 173-15-10387 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 28 December 2020

BOARD OF EXAMINERS

Dr. Touhid Bhuiyan
Professor and Head

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

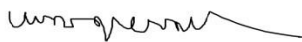
Chairman



Md. Zahid Hasan
Assistant Professor

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Md. Riazur Rahman
Senior Lecturer

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Dr. Mohammad Shorif Uddin

Professor Department of Computer Science and Engineering
Jahangirnagar University

External Examiner

©Daffodil International University Page-

DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Md. Abbas Ali Khan, Senior Lecture, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

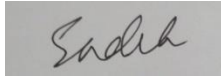
Supervised by:



Md. Abbas Ali Khan

Senior Lecture
Department of Computer Science and Engineering
Daffodil International University

Co-Supervised by:



Md. Sadekur Rahoman

Assistant Professor
Department of Computer Science and Engineering
Daffodil International University

Submitted by:



Kamrul Islam

ID: -173-15-10387
Department of Computer Science and Engineering
Daffodil International University

ACKNOWLEDGEMENT

First we express our heartiest thanks and gratefulness to almighty God for His divine blessing makes us possible to complete the final year project/internship successfully.

We really grateful and wish our profound our indebtedness to **Md.Abbas Ali Khan, Senior Lecturer**, Department of CSE Daffodil International University, Dhaka. Deep Knowledge & keen interest of our supervisor in the field of “*Field name*” to carry out this project. His endless patience ,scholarly guidance ,continual encouragement , constant and energetic supervision, constructive criticism , valuable advice ,reading many inferior draft and correcting them at all stage have made it possible to complete this project.

We would like to express our heartiest gratitude to **Prof. Dr. Touhid Bhuiyan**, Head, Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of Daffodil International University.

We would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work.

Finally, we must acknowledge with due respect the constant support and patients of our parents

ABSTRACT

In the present age, technology is a medium that is constantly evolving in our daily lives. And through the use of this internet people around the world are creating many business opportunities and everyone is developing themselves. If we create a web application that uses technology that can be used from anywhere in the world, it will be very effective for us. It will help us with our daily work. So I would like to do an internship industry according to my previous work. I worked as a web developer at New Horizon and I got some good idea of how big organizations operate and how they work to get benefits from future web application. The idea of how companies work helped me during my internship. To make a web application work, we need to use a specific programming language. Some of them are used for backend to develop frontends. For example HTML, CSS, JavaScript, MySQL, Xampp, ASP.NET Framework and learning visual studio so on are used for frontend design.

TABLE OF CONTENTS

CONTENTS	PAGE
Board of examiners	ii
Declaration	iii
Acknowledgements	iv
Abstract	v
	vi
Table of content	
	vii
List of table	
	viii
List of figure	
 CHAPTER	
CHAPTER 1: Introduction	1-4
 1.1 Introduction	1
1.2 Motivation	1
 1.3 Internship Objectives	2
 1.4 Introduction to the Company	2
	3
1.5 Layout of Report	
 CHAPTER 2: Organization	5-10

2.1 Organization	5
2.2 Product and Market Situation	5
2.3 Target Group	6
2.4 SWOT Analysis	6
2.5 Organization Structure	7

CHAPTER 3: Tasks, Projects and Activities	11-20
3.1 Daily Tasks and Activities	11
3.2 Events and Activities	12
3.3 Project Task and Activities	12
3.4 Project Description	13
3.5 Challenges	20
3.6 Problems	20
3.7 Solution	20
CHAPTER 4: Competencies and Smart Plan	21-27
4.1 Competencies Earned	21
4.2 HTML	21
4.3 CSS	23
4.4 Bootstrap	25
4.5 JavaScript	26
4.6 Apache Server	26
4.7 Smart Plan	27
4.8 Reflection	27
CHAPTER 5:	28
5.1 Discussion and Conclusion	28
5.2 Scope for Further career	28
REFERENCES	29

List of Table

Table	Page No
Table 1.5.1 Report Layout	3
Table 2.6.1 Products	10

List of Figure	Page No
Figure 2.5.1 Company Structure	8
Figure 3.4.1 Front or Landing Page	14
Figure 3.4.2 Product Detail	15
Figure 3.4.3 User Registration Form	16
Figure 3.4.4 Cart	17
Figure 3.4.5 Data Insert Update Delete	18
Figure 3.4.6 Database	19

CHAPTER 1 Introduction

1.1 Introduction:

The important work of maintaining the beauty and discipline of a website is done through web design. With web design, we can design web graphic design user interface, proprietary software. The term web design is commonly used to describe the front end design process

of a web site with markup. It has become a partner in the way people walk in their daily lives. It became known worldwide in 1989. The CRN team proposes to create a global hyper-tech project while working on Burners-take. Which was later born in the world from 1991 to 1993? Web development beautiful to the world. The main task of web development is to add the basic design of creating websites for a web page. Those who are professionally involved with web design and development. Among them are development tasks such as web design, web content development client communication, client-side/ server-side scripting, web server, and network security configuration, and ecommerce development. We use different languages through different coding to do web design and development. For example HTML, CSS, JavaScript, Bootstrap, MySQL, ASP.Net. And with this language, we present our work to the world by current technology.

1.2 Motivation:

All over the world today we do our fast communication or information exchange with the main work like home business, online shopping, etc. We do web pages through the internet. All of this is possible by using the web application on digital devices. In today's era of digital technology devices, web applications are easily accessed through an internet connection. All of this work from page design to development is made entirely up to the customers are valued more and New Horizon has helped to learn the work. Through which I got acquainted with different languages like HTML, CSS, JavaScript, etc. I was

Daffodil International University 1

able to learn the language. To manage life every human being has to awaken his inspiration and lead himself towards success. Those who have the purpose to do something in human life certainly reach their destination.

1.3 Internship objectives:

When I think of building my career, I keep of building for different ways with the help of internet and I like the work of web application. Then I started doing internship on web

application and the duration of internship was four months. I do a project based on what I have learned in these four months and I succeed in it. I have learned a lot while doing this project. Learning how to use a web application can help me apply for a job as a web developer. My dedication to the job will attract qualified candidates at the top level of the company. What will be effective from the introduction is to design according to my web site specification. When working, keep in mind that the web site is responsible for modifying the client's needs. To create a site, try to create sites with site design and clean navigation features to attract the client's attention. So it is necessary to use HTML, CSS, JavaScript, MySQL, Bootstrap etc to create a beautiful one.

1.4 Introduction to the company:

New Horizon education institution (NHEI) is one of the private IT companies in Bangladesh. Born in 1970 it was founded by a team of premier companies. New Horizon is committed to teaching and coaching, respecting their skills and getting the right education from the instructors. New Horizon flows the basic principles of all educational institutions in the world. There are two important points of this organization which is to follow all their honest principles, to make all the work big and small a reality with the importance of a mission and to work by instilling this belief in everyone. There is a solution to all the problem. Inspired by New Horizon's motto, the nobles are guided by a clear vision by creating a human being , New Horizon offers something that brings

success in the field of student's professional and personal lives .They work on various ICT issues such as mobile applications and web design . And trains students in a variety of courses such as C++ programming, Java training, Android, web design and development training. This organization has been able to gain their reputation at home and abroad.

1.5 Report layout:

The report layout consists of different chapters and their purpose. In the format of this report I have added different chapters with their names and page numbers and description of these chapters

Table 1.5.1 Report Layout:

Chapter No	Description
Chapter-1	In this chapter I have described the purpose and inspiration of this internship. I was introduced to my company where I was doing an internship doing I talked about the goals of web design and development and the different languages needed for my internship
Chapter-2	In this chapter I talked about my organization. Their place in the market. Work programs and the various IT services offered to them in their game
Chapter-3	I have described my daily work and activities. Participate in training and work with and through those responsibilities. I have included various template images of my internship organization, the work I have done and the projects I have done.
Chapter-4	In this chapter I have described the various skills that I have acquired during the internship. Smart planning and a reflection of my work.

Chapter-5	In this chapter I have mentioned my career and the future field of web design and development and how to move it forward.
-----------	---

Table 1.5.1 Report Layout:

In the format table of the report we can see that the whole report is divided into five chapters. The first chapter contains the introduction, motivation and company introduction. The second chapter gives full details or includes various applications build of the organization and its structure and organization. In the third chapter I talked about the different skills and competitions that I have gathered and also talked about some of the reflections during the internship. The fourth chapter reports daily work and progress. And in the fifth chapter we end this report by talking about some future opportunities and careers.

Chapter-2 Organization

2.1 Organization

New Horizon Educational Institution (NHEI) is a fast growing IT company in Bangladesh that focuses on creating a prosperous era based on the national vision . They work hard to

create a stable and friendly market on one platform. Their goal is to create user-friendly and easy-to-access web and mobile platform applications and network. The advantages of the client are: they have sustainable and mixed business knowledge to create and distribute high-quality products at affordable rates to maximize productivity. They have a customer focus that reflects their work and they are very efficient at meeting their customer's needs. If one has personal and professional skills, there is an opportunity for graduate students to get entry level position.

Head Office:

Organization Name: New Horizon Educational Institution (NHEI)

Organization Address: Momataz plaza 3rd floor, House#7, Road#4, Dhanmondi, Dhaka1205.

Phone: +88029612751-2.

Email: info_dhaka@newhorizons.com

Web: dhaka.newhorizons.com

2.2 Product and market situation:

The space of the digital market is changing rapidly and changing with the wind of developers and companies is becoming more challenging and complex. The study found that more than 67% of marketplaces generate 5 million annually and the remaining 32% generate more than 100 million annually, with most marketplaces showing gross merchandise volume (GMV) between 500 million and 999M. More than 59% of market executives reported that the goal for 2019 is to launch a new marketplace. The digital market space in Bangladesh is growing very fast. This platform is highly reliable for developers and companies. It has the freedom and flexibility to work with different innovations. This market place is for those who want to challenge and have the courage to take some risks. This marketplace has its own unique charisma that anyone can create and join the market place. New Horizon Educational Institution (NHEI) also follows the pattern of these marketplaces and they are creating customer-oriented products like web applications and mobile applications and users. Some of their great products are.

2.3 Target Group:

Gives final year undergraduate students training New Horizon Educational Institution (NHEI) and develops as skilled people. Their main goal is to create ICT-based products and create web applications and Networking for those involved in online marketing. They meet all the needs of their customers and help the user to create a friendly and quality full product. Interested individuals have training programs such as developing their web application and Networking.

2.4 SWOT Analysis:

Qualities, shortcomings, openings and dangers in short SWOT. The investigation system for building up a field-tested strategy or methodology is basic however extremely incredible. Regardless of whether you're assembling another business or remaking an old one, qualities and shortcomings are controllable and organizations can transform them by one way or another, while openings and dangers are outside things that are wild. At the point when you start a SWOT examination you will have the option to change and make persevering systems for building and building up your own business. This examination gives you a total diagram of your business at an unheard of level and it compels you to take a gander at your qualities and shortcomings. Pioneers and ranking staff should be profoundly associated with a SWOT investigation. At the point when you start a SWOT investigation you will have the option to change and make a strong procedure methodology for building and building up your own business? This examination gives you a full perspective on your business to an unheard of level and it compels you to take a gander at your qualities and shortcomings. Pioneers and high-positioning workers should be profoundly associated with doing a SWOT examination. This is an undertaking that ought not be dealt with by others. When you have every one of them together you take each suggestion and heap it up to rank them and figure out what's up and what should be tended to. Examining an individual SWOT can accomplish that for anybody It gives them full

admittance to self-evaluation to help themselves and locate the correct way where you should be guided. Dissecting a SWOT with myself, I found that I have numerous shortcomings and qualities I discovered that I have a great deal of occasions to tackle my shortcomings and fabricate my qualities on them.

2.5 Organization Structure:

An association is where different advances are taken to accomplish an objective. There can be numerous exercises in the hierarchical structure, for example, the staff who lead. What are the duties of the staff and how would they deal with the association? Looking at the hierarchical structure shows how data is streaming to every person in an association and how this data is being utilized by its representatives and pioneers. The structure of a total association shows how all representatives accomplish objectives with their job in a framework. The structure of an association is the perspective of the CEO of every division or the guard dog of an association. These perceptions were refined by a basic outline or graphs like a pyramid or cycle where the high-level job players of the association select all the individuals above and beneath as indicated by their position and job

New Horizon Educational Institution (NHEI) association structure given beneath:

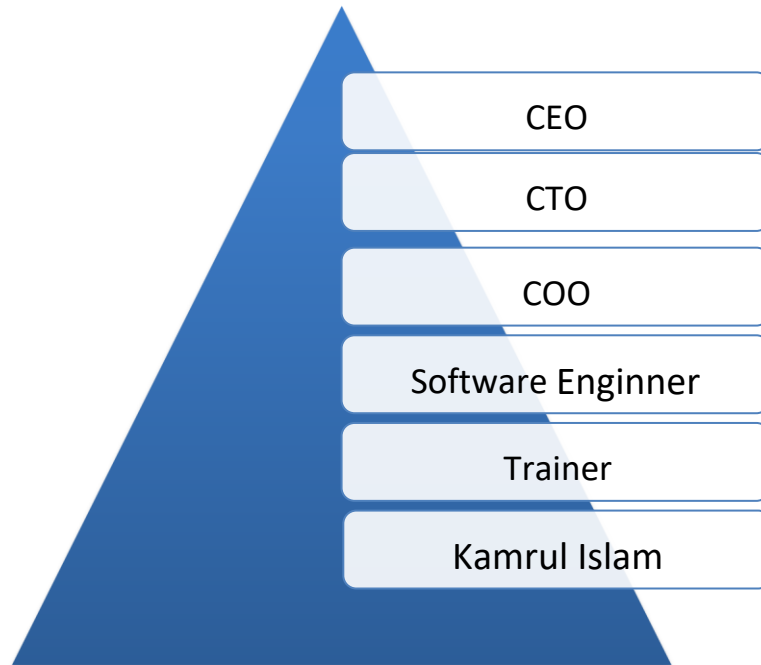


Fig: 2.5.1 Company Structure.

2.5 Company Structure:

As should be obvious in the above CEO, New Horizon Educational Institution (NHEI) has an advanced structure, where the CEO is the most noteworthy positioning individual in the organization, whose occupation is to prompt the administration board and inspire the workers, to settle on vital choices about them. Is to deal with all the innovation past things of the organization. Its duty is to keep up specialized trustworthiness inside the association. In the subsequent position is the Chief Technical Officer (CTO) whose employment is to

deal with all the innovation past things of the organization. Its obligation is to keep up specialized uprightness inside the association. At that point, there is the Chief Operating Officer (COO) whose occupation is to oversee everything under his (CEO's) nonappearance. COO is the second-order inside an association. At that point, we see a programmer who is a worker of this organization who makes different application applications for the organization. A mentor is the last worker of innovation whose occupation is to prepare new representatives and show various principles of the organization and move them. The mentor prepares the understudy or brief staff. To wrap things up, there is an understudy who is a brief worker in an association for the individuals who have insight and work for study purposes.

Table 2.6.1 Products:

Product Name	Product URL
Lunartemp.com — Website	https://lunartemp.com/
A glossary of literary terms- Evaly.	https://evaly.com.bd/products/a-glossary-of-literary-terms
Shortcut Technique-- Android App	https://play.google.com/store/apps/details?id=com.diatomsoft.short_technique
Countries of the world Quiz-- Android App	https://play.google.com/store/apps/details?id=com.diatomsoft.worldquiz
Inspirational Quotes Android App	https://play.google.com/store/apps/details?id=com.Tech-trixbd.quotexpedia
Shop online at shwapno.com	https://www.shwapno.com/?

Chapter 3 Tasks,

Projects and Activities

3.1 Daily Tasks and Activities:

During the entry-level position, the first time they talk about different worldwide sort dynamic web side with me. At that point examine my task. I took in website composition and advancement without any preparation. First, they show us the rudiments of the plan and afterward show us some various strategies for quick coding with industry principles. Bit by bit figured out how to code and utilize our creative mind to make responsive and interesting plans. At that point worked with different tasks given by the organization to make changes to ask the client. Subsequent to learning the planning part, we began the advancement part where I took in the worker side language HTML, CSS, C#, JavaScript, Asp.net and bootstrap. We take a gander at the nuts and bolts of coding history in itembased programming. We made information bases with MySQL and connected them through HTML and CSS. We have performed different tasks, for example, making, refreshing, erasing, and controlling information. We've figured out how to limit unapproved client access. We likewise figured out how to begin and end a season and security-related capacities, for example, encryption.

Things I have gotten the hang of during the temporary position period are,

- HTML
- CSS
- Bootstrap
- JavaScript
- MySQL
- Xampp
- Asp.net

3.2 Events and Activities:

My duties as a web engineer were to fabricate presence and investigate the specialized parts of how a site would perform during high traffic and if there is an issue, give a decent arrangement. I likewise saved composed material for specialized highlights. I made the code to streamline the information base through the frontend plan by performing different site updates, for example, improving dependability and speed, investigating, errorless, and information approval. Indeed, even resemble assessing code to discover esteem and are joined with industry-standard code and examine different issues

- Creating layout of webpage.
- Writing Code to design website.
- Creating and connecting databases.
- Building backend and development.
- Analyzing problems and create solutions.
- Delete bug fixing updates and insert data.
- Performance troubleshoots issues and code optimization for improvement.

3.3 Project Task and Activities:

As a CSE understudy, I like various advances and computerized gadgets. Presently a period is called advanced circumstance, so I need to be a quality full site designer to stay aware of the occasions during the modern transformation. In this way, I made a site called "web based business webpage". It is an online web-based business website for selling grocery related items.

3.4 Project Description:

- 1) Front or Landing page
- 2) Product Details
- 3) User registration Form
- 4) Shopping Cart
- 5) Data Insert Update Delete
- 6) Database

3.4.1 Front or Landing page:

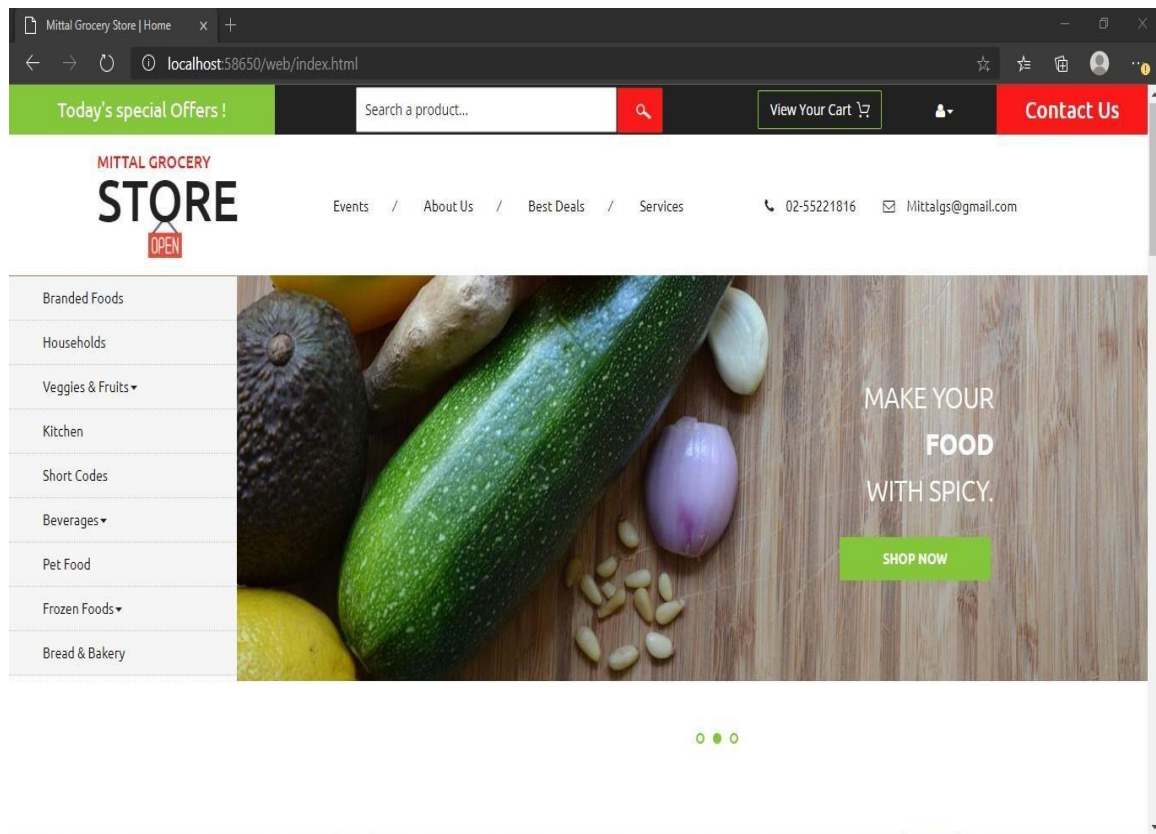


Fig: 3.4.1 Front or Landing page.

The main page of the site will have a menu button, search button, different top items, and significant connections. Clients can peruse various menus for their preferred results. They can join or enlist through the login enrollment alternative. They will have the option to login after enlistment to view and remark on the results of various brands and offer the item through different online media on the off chance that they wish. For news identified with innovation, they can go for the blog choice in the Mittal market.

3.4.2 Product Details:

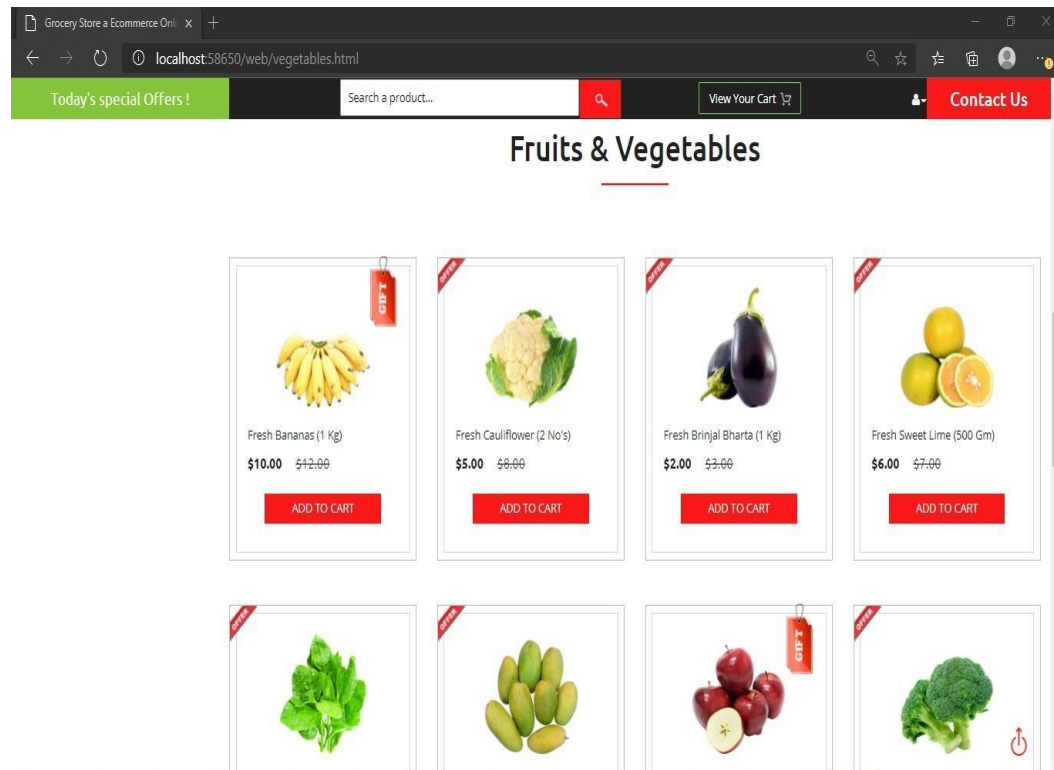


Fig: 3.4.2 Product Details

Floating the mouse over the item will raise the full subtleties, for example, item name, value, item code, and shading. Additionally, a truck allows you to purchase or pick various items. In the item portrayal, clients will see the item title and what classification of the item. In the event that the client inclines toward the item, they will reach us with the item code.

3.4.3 User registration Form:

The screenshot displays a web application interface for 'Mittal Grocery Store'. The browser's address bar shows 'localhost:58650/web/login.html'. The page layout includes a top navigation bar with a green 'Today's special Offers!' banner, a search bar, a 'View Your Cart' button, and a 'Contact Us' button. A left sidebar lists various product categories. The central focus is the 'Sign In & Sign Up' section, which contains a 'Create an account' form. This form has four input fields: 'Username', 'Password', 'Email Address', and 'Phone Number'. Below these fields is a prominent green 'Register' button. At the bottom of the form, there is a link for 'Forgot your password?'. A small 'CLICK ME' button is also visible near the top right of the form area.

Fig: 3.4.3 User registration Form

There is an enlistment structure for joining on the site. The client should be painstakingly rounded out the accompanying choices, for example, name, email, secret word, and affirm secret key. The client should utilize a manual human test to confirm the legitimacy in any case the enlistment won't be finished. Besides, the client needs to acknowledge something else, for example, the very email that can't be utilized twice. Passwords should contain a lowercase, capitalized letter, images, and numbers. The name can't be utilized as a secret phrase and different approvals.

3.4.4 Shopping Cart:

Fig: 3.4.4 Shopping Cart

All items will have a bundle code that is like the site code. At the point when the client arranges a ton of items, will go to a truck where the absolute estimation of the item including value, rebate, and the tank will be there. The truck will at that point give to the client as evidence.

3.4.5 Data Insert Update Delete:

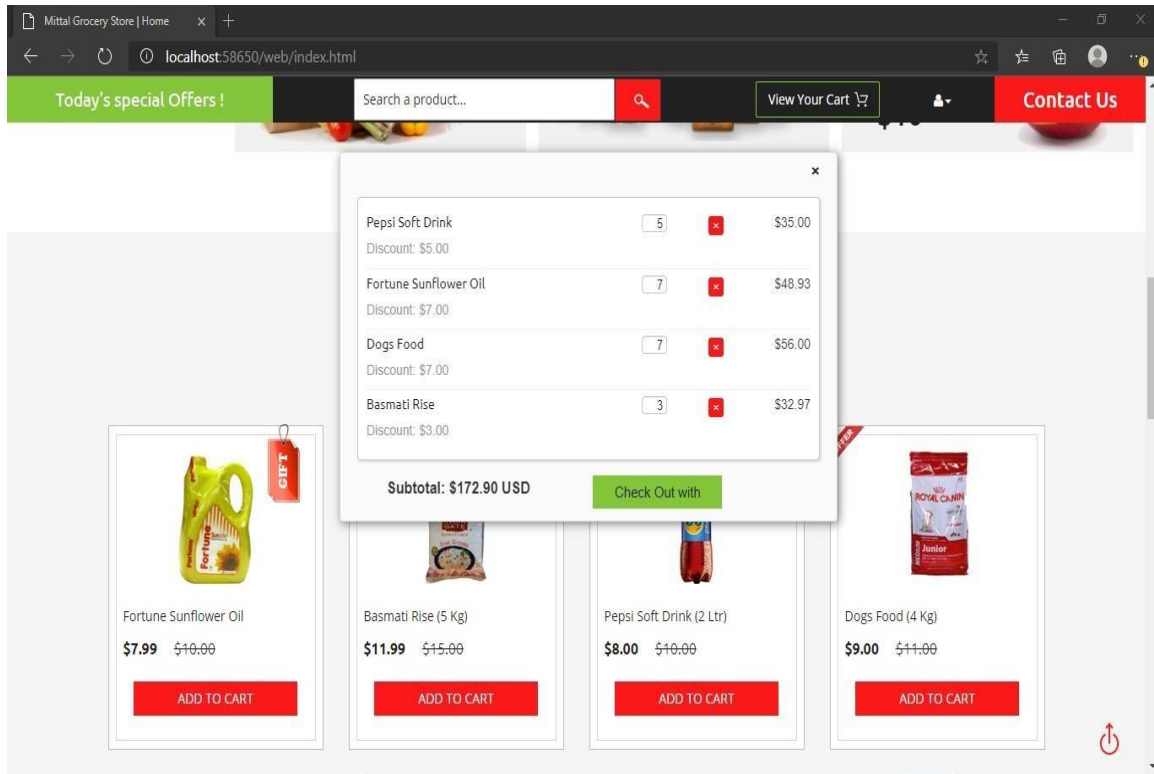


Fig: 3.4.5 Data Insert Update Delete

In the figure above we can perceive how to embed, update, and erase the information by the administrator. While adding items, the administrator should add the brand name, item portrayal, and cost.

3.4.6 Database

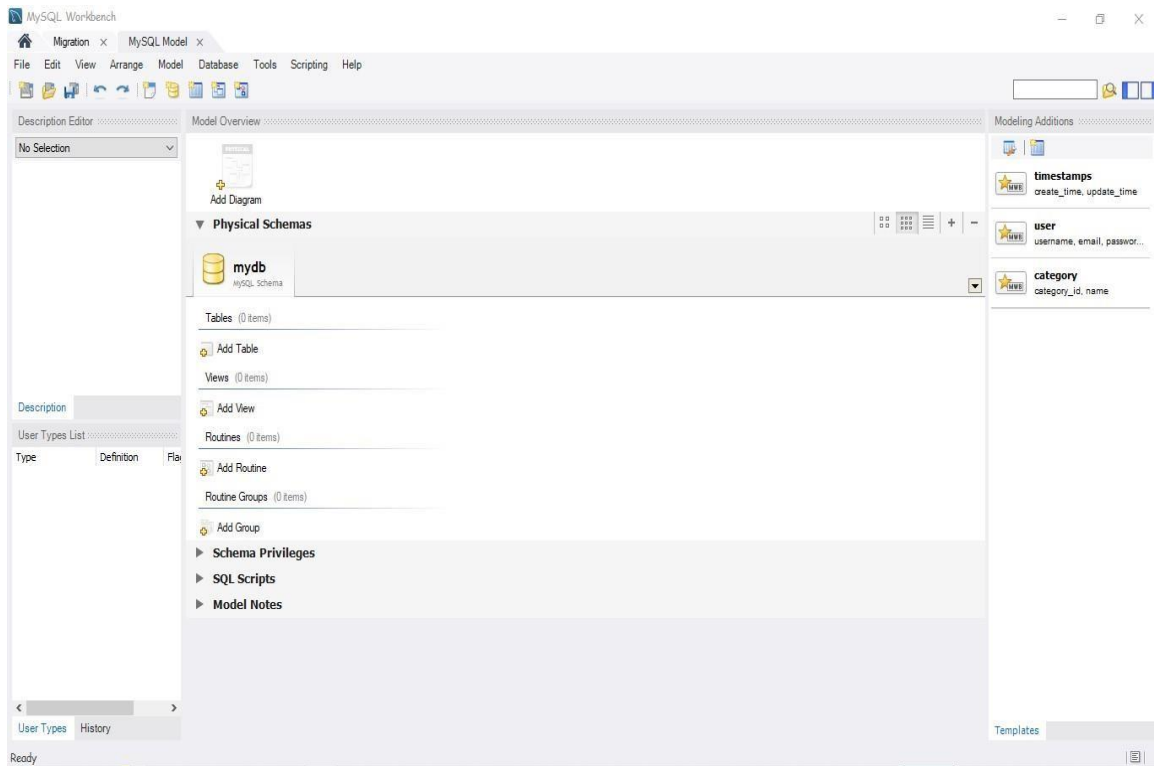


Fig: 3.4.6 Database

In the image above we can see the MySQL database that is linked to the website using ASP.NET. All data is stored in this database. Such as administrator data, website data, user data, product data etc.

3.5 Challenges:

\Making a site is actually quite testing. I have worked with some sites previously however I have confronted a few issues while making a worldwide site. This was later tackled by our madam. As a site designer, I will have the option to that, I trust in later.

My difficult work experience will be valuable later on.

3.6 Problems:

Working with HTML and CSS takes a great deal of time so I utilized Bootstrap as another option. More often than not there is an issue to coordinate CSS, HTML yet bootstrap doesn't have this issue.

3.7 Solution:

The instructor is the foundation of an understudy. Finding a decent instructor is hard for an understudy. I got a liberal instructor who attempted to take care of my issues effectively and educated me. He likewise showed me how to create programming abilities rapidly. HTML, CSS showed me the Bootstrap structure on the most proficient method to turn into an engineer in an exceptionally brief timeframe without sitting around idly. As a component of the turn of events, my instructor showed me how to sort and oversee information. He told me the best way to effortlessly get to information and reuse code on the board.

Chapter 4

Competencies and Smart Plan

4.1 Competencies Earned:

During the internship I learned some important programming language as like HTML, CSS, Bootstrap, JavaScript, MySQL. That I will apply in my personal and professional life for programming.

4.2 HTML

Sir Tim Berners-lee created html in late 1991, but did not officially release it, which was released as html 2.0. Html 4.01 was released in late 1999 and is the first version of html. HTML full name is Hypertext Markup Language. The latest version of HTML is HTML 5. This is the only markup language for creating web pages. It provides some titles, headings, paragraphs, lists, tables, embedded images, etc. HTML uses 'tags' to create web documents.

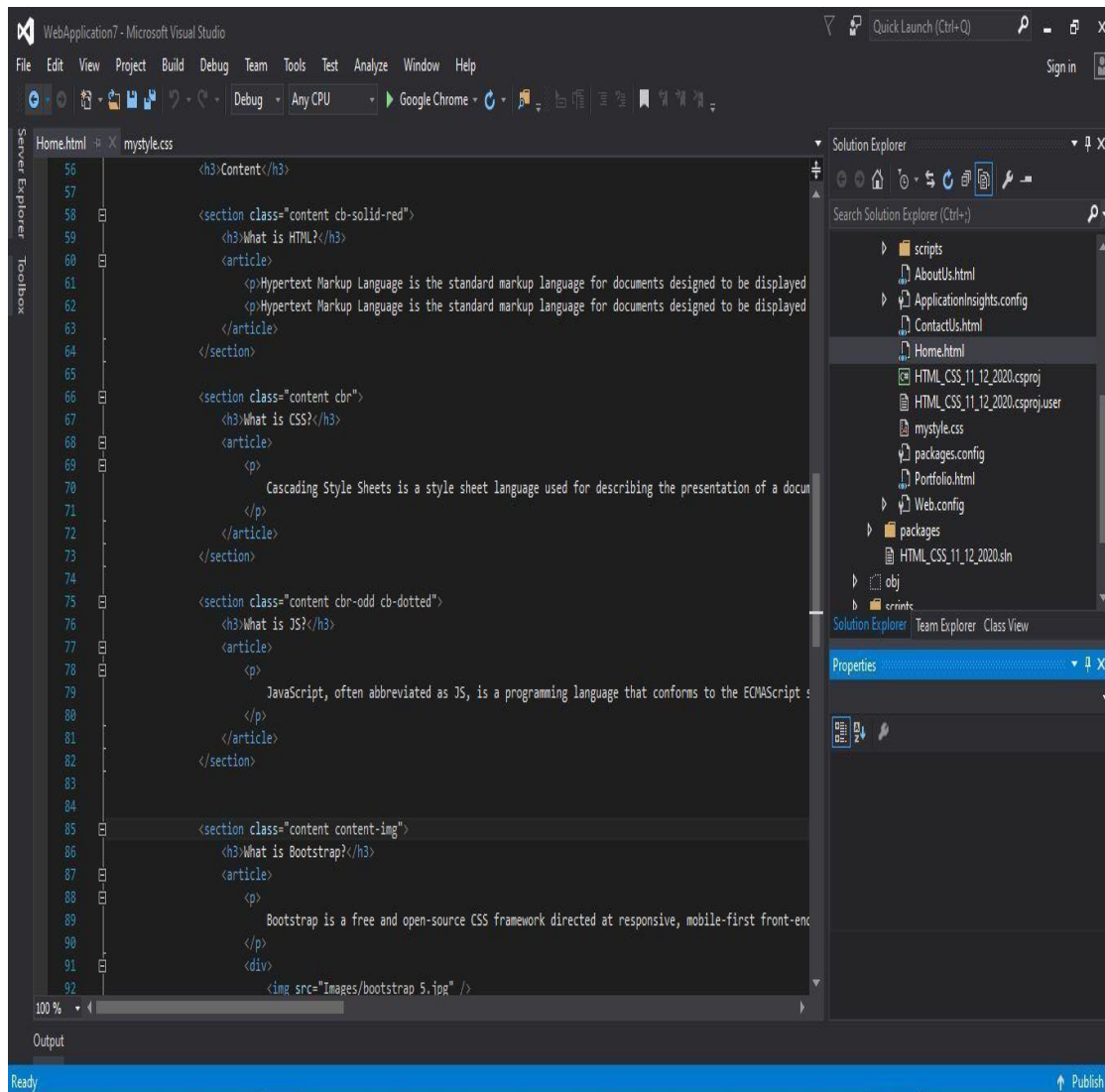


Fig: 4.2.1 HTML code.

Some of the key features of HTML are,

- HTML is a Hypertext Markup Language. HTML tags are used to design web pages.
- Notepad, Adobe **Dreamweaver**, Sublime, etc. are primarily used for writing and editing html.

- HTML is a simple computer coding language that was published in the 90's. HTML is the basis of a webpage and web page are the basis of a website. Tags are used to create HTML web documents.

4.3 CSS

Hackenwam Lai founded CSS in 1994. Its acronym is Cascading Style Sheets. It is used to manage the layout of web pages and to change the look of web pages. CSS is used to design web pages. CSS works with HTML only. HTML is a markup language, we can use some features and values in its tags but it is not possible to create interesting webpage designs. So the World Wide Web Consortium (WWWC) has created CSS to solve the problem. Today all web browsers support CSS.

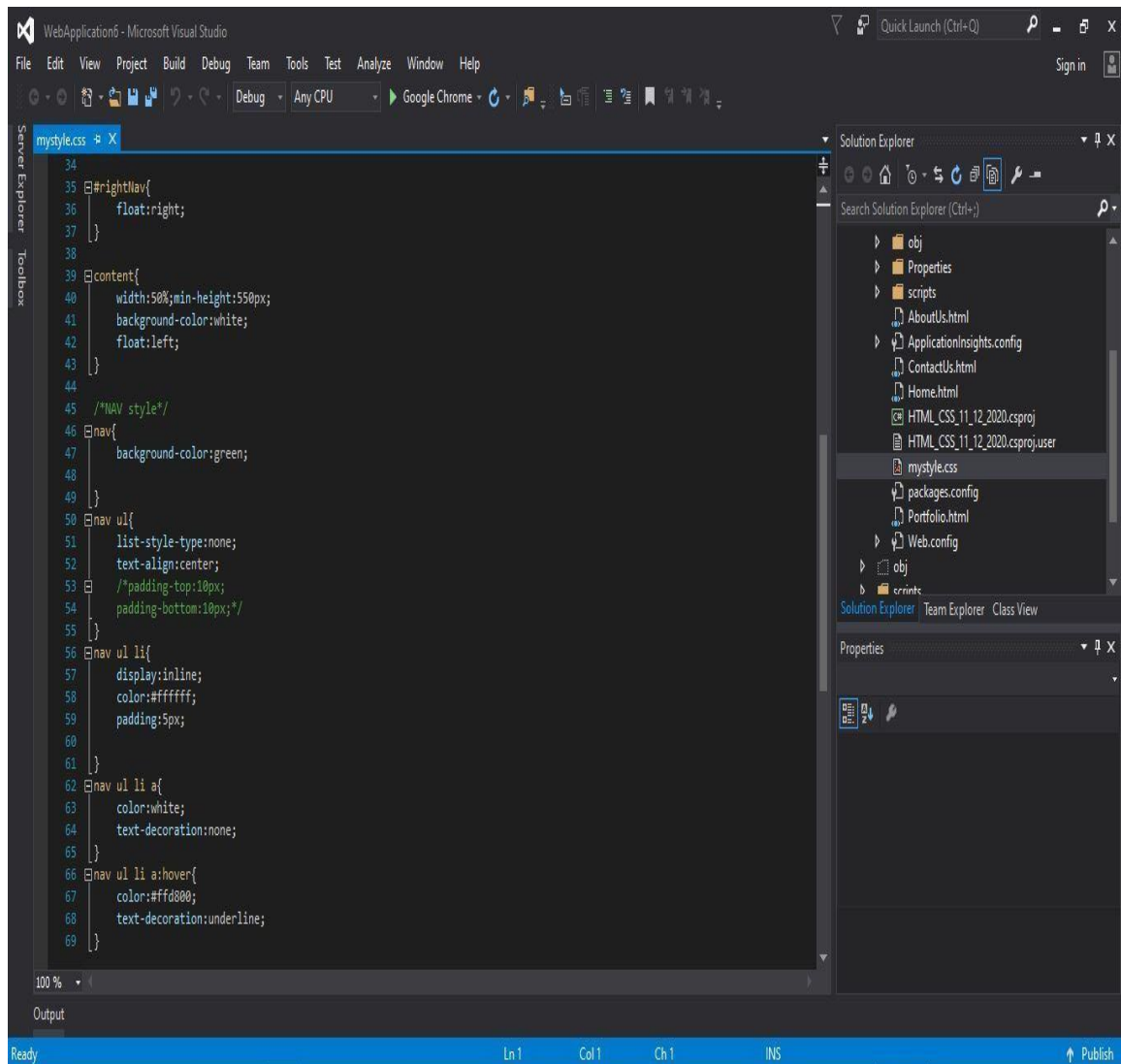


Fig: 4.3.1 CSS code.

Some of the key features of CSS are:

- Notepad, notepad ++, vi editor, sublime text editor, etc. are used to write CSS.
- With CSS we can change the shade, size, color of the fonts.
- We can create different animations, and add buttons, create forms, and much more.

- CSS files can be used through links on web pages.

4.4 Bootstrap

Twitter Blueprint is the first name of Bootstrap and it was created on Twitter by Mr. Mark Auto and Jacob Thornton. It was released in August 2011 as GitHub's open source product. The value proposition of Bootstrap is to create a responsive mobile friendly website without any hassle. Designing a website using raw html and CSS takes a lot of time. This problem can be easily solved with the bootstrap framework. This structure is created by html, CSS, JavaScript. HTML, CSS, anyone with an idea can customize and use Bootstrap on their own. Using Bootstrap can easily speed up development. Bootstraps include CSS class, Mittal, form, layout, modals, carousel, Mittal etc. This framework allows for faster web development and developers to create responsive web pages at a faster pace.

Some key feature of Bootstrap given below:

- Easy to use.
- Good Documentation.
- Great Grid System. ➤ Simple Integration.
- Mobile friendly.
- Customizable bootstrap.
- Browser compatibility.
- Responsive features.

4.5 JavaScript

JavaScript is a scripting language. This is one of the three main languages used for web site development. HTML and CSS give the style and structure of a website but JavaScript allows functionality and behavior to be added to the website, allowing the website to interact with content in many imaginative ways over the decades. JavaScript can update and modify HTML and CSS data, and it can manage, compute and validate data on the website.

4.6 Apache server

HTTP server is also known as Apache software. This software is an open source cross platform. It was published in 1999. It has several functions:

- It has more than one request processing mode.
- It can handle more than 10,000 simultaneous connections.
- IPv6 and HTTP/2support.
- Sessions and user tracking systems.
- IP based geo location and bandwidth throttling tracking.
- Real Time status and XML support.

4.7 Smart Plan:

Every organization finds a developer skilled to achieve success and they do not want someone who dose not knows the visual work. So in the age of competitive globalization, we need to keep an eye on our thoughts and actions. So during the internship, I understand how to work smartly and effectively.

- First you need to understand what the customer needs and what he wants.
- We need to create the layout for the project and choose the language carefully so that we do not waste any unnecessary coding time.

- I learned a bootstrap framework that is used to create a responsive product. This framework contains HTML, CSS, JavaScript can be manipulated. And an actionable quality design can be created.
- For the Backend development we choose to work with PHP and MYSQL for database.
- Carefully manipulate data and assemble all the code.
- The project is being tested on various devices to see what needs to be changed and what bugs need to be fixed.

4.8 Reflection:

The internship has taught me a lot. From the internship, I learned how to manage the organization and give commands. During my internship at New Horizon Educational Institution (NHEI), I learned how to communicate, pay attention, be punctual, express personal skills like public speaking and team walks. I learned bootstrap for design. Learned ASP.NET and C#, MySQL for JavaScript, HTML, CSS and backend. It is to my gratitude that New Horizon Educational Institution (NHEI) has helped me to develop better as well as be a better person

Chapter 5

Conclusion and Future Career

5.1 Discussion and Conclusion:

I have gained from the New Horizon Educational Institution (NHEI) how to work in a new climate and how to conquer every one of my feelings of dread, so I am appreciative of them. They give me a ton. Shown numerous alternate way procedures for coding. They are continually causing me in this work. Many have shown me new innovations. What's more, instructed how to work with systems. Likewise demonstrated different models of website

architecture and advancement. This temporary position indicated to me various models of website composition and advancement, shown me numerous new innovations like Progressive Web Application (PWA) Single Page Application (SPA), and so on Working with structure causes me to adapt effectively and productively. Finally, I can say that this temporary job is a colossal advantage for my profession. Anticipating functioning as a web designer.

5.2 Scope for Further Career:

The current job market is very competitive, so there is no substitute for creative talent. In order to increase my own creativity and increase my acceptance in the job market, I decided to become a developer, which will brighten my future a lot and I will be able to improve my skills doing such a good deeds.

- Full Stack Web Developer.
- Software Engineer.
- Framework Expert.
- Cross Platform Developer.
- Web Security Analyst
- Web Penetration Tester.

Reference:

[1] Learn about ASP Programming << <https://www.w3schools.com/asp/default.ASP> />>last accessed on 30 October 2020, 03:00 pm

[2] Learn about ASP.net<< <https://clc.newhorizons.com/training-and-certifications/courseoutline/id/2373/c/20486-developing-asp-net-core-mvc-web-applications>>>last accessed on 25 October 2020, 05:36 pm

[3]Learn about c# Programming << <https://www.tutorialspoint.com/csharp/index.htm> >>last accessed on 26 October 2020, 03:00 pm

[4]Learn about Internship and Projects Objectives<<<https://www.gallaudet.edu/departments-of-business/internships-and-projects/internships/internship-objectives>>>last accessed on 31 October 2020,03:00 pm

- [5] Learn about New Horizon << <https://dhaka.newhorizons.com/>>>>last accessed on 01 November 2020, 03:00pm
- [6] Learn about Future of Digital Market Places<<Learn about Future of Digital Market place<<<https://www.forbes.com/sites/louiscolumbus/2018/10/21/predicting-the-future-of-digitalmarketplaces/#15a496591d0e> >>>last accessed on 05 November 2020, 10:23 am
- [7] Learn about SWOT Analysis<< https://www.mindtools.com/pages/article/newTMC_05.htm>>>last accessed on 06 November 2020, 08:17 pm
- [8] about SWOT at:<<https://www.mindtools.com/pages/article/newTMC_05.htm>> Last accessed on 6November 2020 at 10:00pm
- [9] Learn about Organization Structure<< https://en.wikipedia.org/wiki/Organizational_structure>>>last accessed on 07 November 2020, 12:25 am
- [10] Learn about HTML<<https://www.tutorialspoint.com/html/html_tags_reference.htm>>>last accessed on 2 November 2020, 04:30 pm
- [11] Learn about CSS <<<https://cssauthor.com/css-reference/>>>>last accessed on 3 july2020, 12:10 pm
- [12]Learn about Bootstrap<<[https://en.wikipedia.org/wiki/Bootstrap_\(front-end_framework\)](https://en.wikipedia.org/wiki/Bootstrap_(front-end_framework))>>>last accessed on10 November 2020, 01:10 am
- [13] Learn about JavaScript<<<https://en.wikipedia.org/wiki/JavaScript>>>>last accessed on 7 December 2020, 03:10 pm
- [14] Learn about ASP << <https://www.w3schools.com/asp/default.ASP> >>>last accessed on 8 December 2020, 10:26 am
- [15] Learn about ASP Training<< <https://www.w3schools.com/asp/default.ASP> >>>last accessed on 8 December 2020, 11:38 pm
- [16] Learn about MYSQL<<<https://dev.mysql.com/doc/refman/8.0/en/>>>>last accessed on 9 December 2020, 05:36 pm

APPENDIX

5.3 Appendix A: Internship Reflection:

What a student has achieved in the internship depends on his creative work. I have had a lot of experience doing the internship under New Horizon Educational Institution (NHEI). At first I thought the internship was basically connected to the program. But to work in real

life, you have to learn a lot, you have to work hard. I have learned a lot by working in a professional environment. This will help me in my future.

5.4 Appendix B: Company Detail:

Introduction:

New Horizon Educational Institution (NHEI) is one of the quickest developing programming organizations in world. New Horizon Educational Institution (NHEI) Technology is working for the future turn of events. In spite of the fact that they are attempting to get a decent spot on the lookout. Their association has great engineers and architects. Their motivation is to make Networking and application applications. Despite the fact that they figure out how to spur tremendous interest for the items. They are effectively blending business information and this mirrors the fulfillment of the client. They address all the issues of the client. The market has the vital abilities to guarantee their interest. They have profoundly prepared experts and information on different advances

5.5 Service:

New Horizon Educational Institution (NHEI) offers wide range of services like

- Web Design and Development
- Microsoft office
- Business course
- Google cloud platform
- Data science □ Visual studio
- SEO Service
- Adobe Application

- E-commerce Solutions
- Training Program
- Internship Program for Undergrad Students

5.6 Mission:

- The price feature of New Horizon Educational Institution (NHEI) is that they easily understand the needs of the customer and they are using the technology to make the business very easy and profitable.
- New Horizon Educational Institution (NHEI) combines technical expertise with customer satisfaction. Tech Tricks Technologies values the creativity and new ideas shared by each employee to achieve a common goal.
- For any project they work with clients they first have the skills and experience so that they form a team.

5.7 Technology we utilize

Programming Languages: HTML, CSS, JavaScript, C#, ASP.NET (Framework), Bootstrap, Xampp, Visual studio.

5.8 Excellence

We are inventive, adaptable, creative, and enthusiastic in our work. Our qualified resources and staffs, and our excellent projects and administrations mirror our pledge to greatness

5.9 Head Office:

Organization Name: New Horizon Educational Institution (NHEI)

Organization Address: Momataz plaza 3rd floor, House#7, Road#4, Dhanmondi, Dhaka1205.

Phone:+88029612751-2.

E-mail: info_dhaka@newhorizons.com

Web: dhaka.newhorizons.com