



**Module Code & Module Title CC4057NI Information Systems**

**Assessment Weightage & Type 40%**

**Individual Coursework**

**Year and Semester 2021 Spring**

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**Assignment Due Date: 9<sup>th</sup> week**

**Assignment Submission Date: 12<sup>th</sup> week**

*I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a marks of zero will be awarded.*

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## Introduction

The project is assigned us in 9<sup>th</sup> week and we have to submit it on 12<sup>th</sup> week 28 may 2021. The project was to make a portfolio website. We have to use HTML, CSS and JS to make this project. We must have to create webpages Home, CV blog, and Research. I use visual studio code platform to create this website.

### 1.1

HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages. HTML was created by Berners-Lee in late 1991

HTML is a markup language that is used to create web pages. The structure of a Web page is described in HTML. HTML is made up of a number of different components. HTML components specify how the material should be displayed in the browser.



Figure 1: HTML

## 1.2

CSS, or Cascading Style Sheets, is a basic design language designed to make the process of creating web pages presentable easier. The style and feel of a web page is handled by CSS. we can use CSS to change the color of the text, the font style, the spacing between paragraphs, the size and layout of columns, the background pictures or colors used, layout designs, differences in display for different devices and screen sizes, and a number of other effects. CSS is simple to learn and comprehend, but it gives us a lot of power over how an HTML document looks. CSS is frequently used in conjunction with the markup languages HTML or XHTML.



Figure 2: CSS

## 1.3 Js

JavaScript is an interpreted, lightweight programming language. It is intended for the development of network-centric applications. It works in tandem with and complements Java. Because JavaScript is interwoven with HTML, it is incredibly simple to use. It's free to use and cross-platform.

JavaScript is the most widely used programming language in the world, making it an excellent choice for programmers. JavaScript enables us to create incredibly beautiful and fire websites. We may create a console-like look and feel for our website and provide the greatest Graphical User Experience for our visitors.

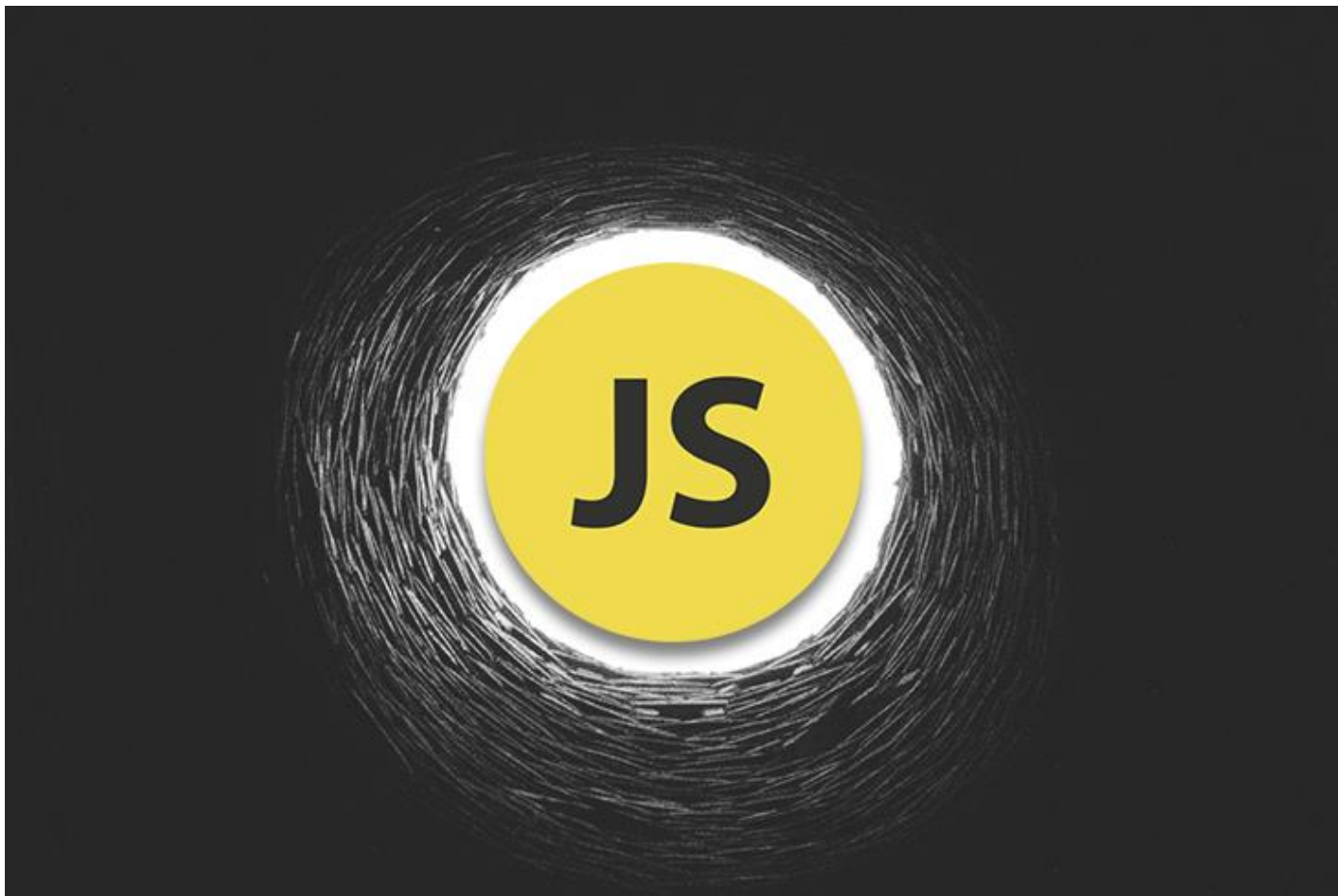


Figure 3: java script

## **2. Discussion and Analysis**

The project was to create a portfolio website. I need to create five webpages. I created webpages in HTML and styled them in CSS. Because I had never developed a website before, I had a lot of trouble learning HTML and how to use tags properly. This was my first HTML project, which was assigned to me as an assignment by collage. I did some study on HTML and CSS and was able to obtain some understanding about them. I also sought the support of my friends and my teacher. After gathering some information, I began working on my idea. This project was completed using the Visual Studio Code platform. This project also required a lot of JS. I was confused by JS and sought help from the w3school website. I did everything I could to make this project appealing and attractive.

We needed to make five webpages: Home, CV, Research, Blog, and Contact. I started by making a Home page with the navigation bar at the top, with the help of w3school, then I added a background picture, some text, a button, and a footer. Then I moved on to Contact, which I had a lot of problem with. In the Contact page, I included my information and a way to contact me. After finishing Contact, I created a CV in which I included my photo and provided a brief description of myself. Following that, I built a blog on which I demonstrate the impact of technology in numerous fields. Then I made a Research page with references and research from at least four other websites.

### **2.1. Visual studio code**

Visual Studio Code is a lightweight but capable source code editor for Windows, macOS, and Linux that runs on our desktop. JavaScript, TypeScript, and Node.js are all supported natively. Microsoft initially unveiled Visual Studio Code at the 2015 Build conference on April 29, 2015. Shortly later, a preview build was published.



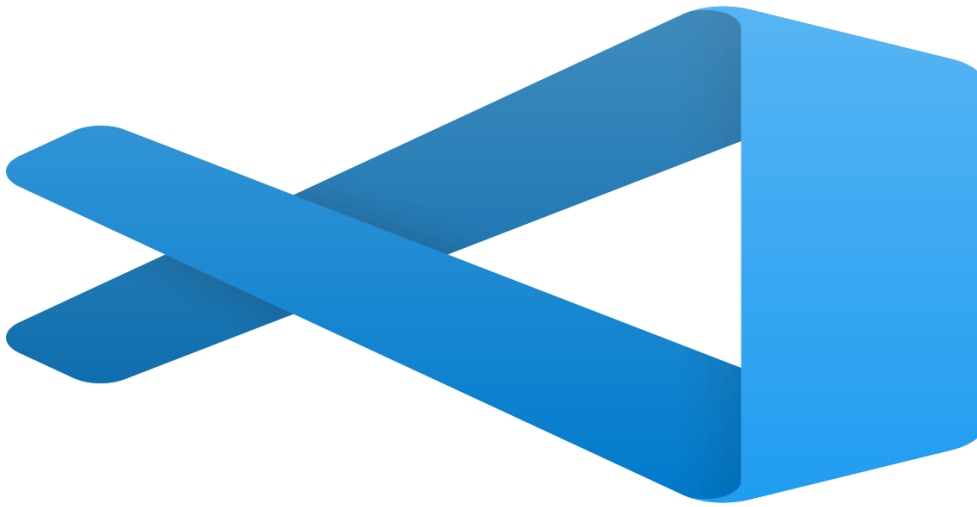


Figure: 4 Visual studio code

## 2.2 Balsamiq

Balsamiq wireframes is a website wireframe builder with a graphical user interface. We may use it to create visual drawings of our application or website ideas to help conversation and comprehension before writing any code. The finished wireframes may be used for user testing, defining your vision, gathering feedback from stakeholders, and obtaining clearance to begin development. For example, if we were to build a house without drawing it first if we build it then we find some error then we would have to destroy the building and rebuild it, so balsamiq can be used to first draw and then construct it.

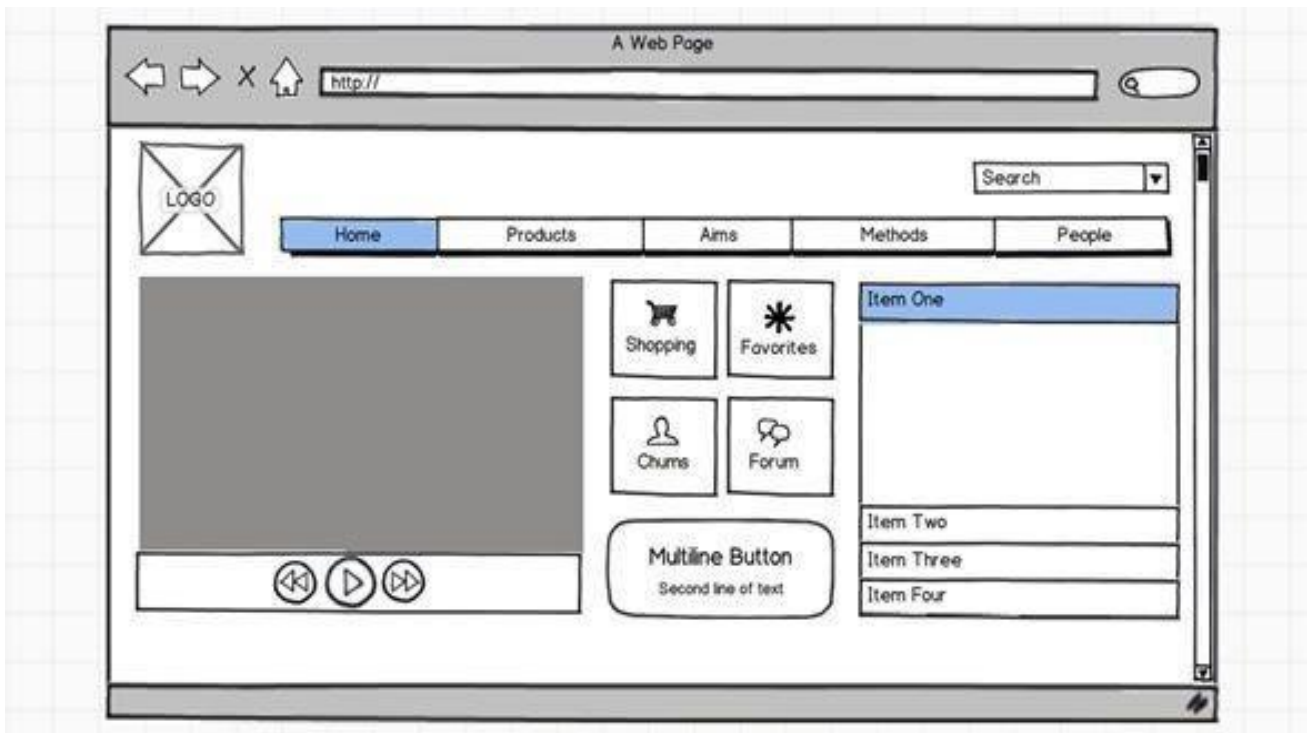


Figure 5: Balsamiq

## 2.3 Wireframe

A wireframe is widely used to place material and features on a website that takes into account user needs and user journeys. Wireframes are used early in the development process to define the basic structure of a website before visual design and material are introduced.

### I. Home

This page consists of navigation bar and one button and some texts and background image  
And one footer,

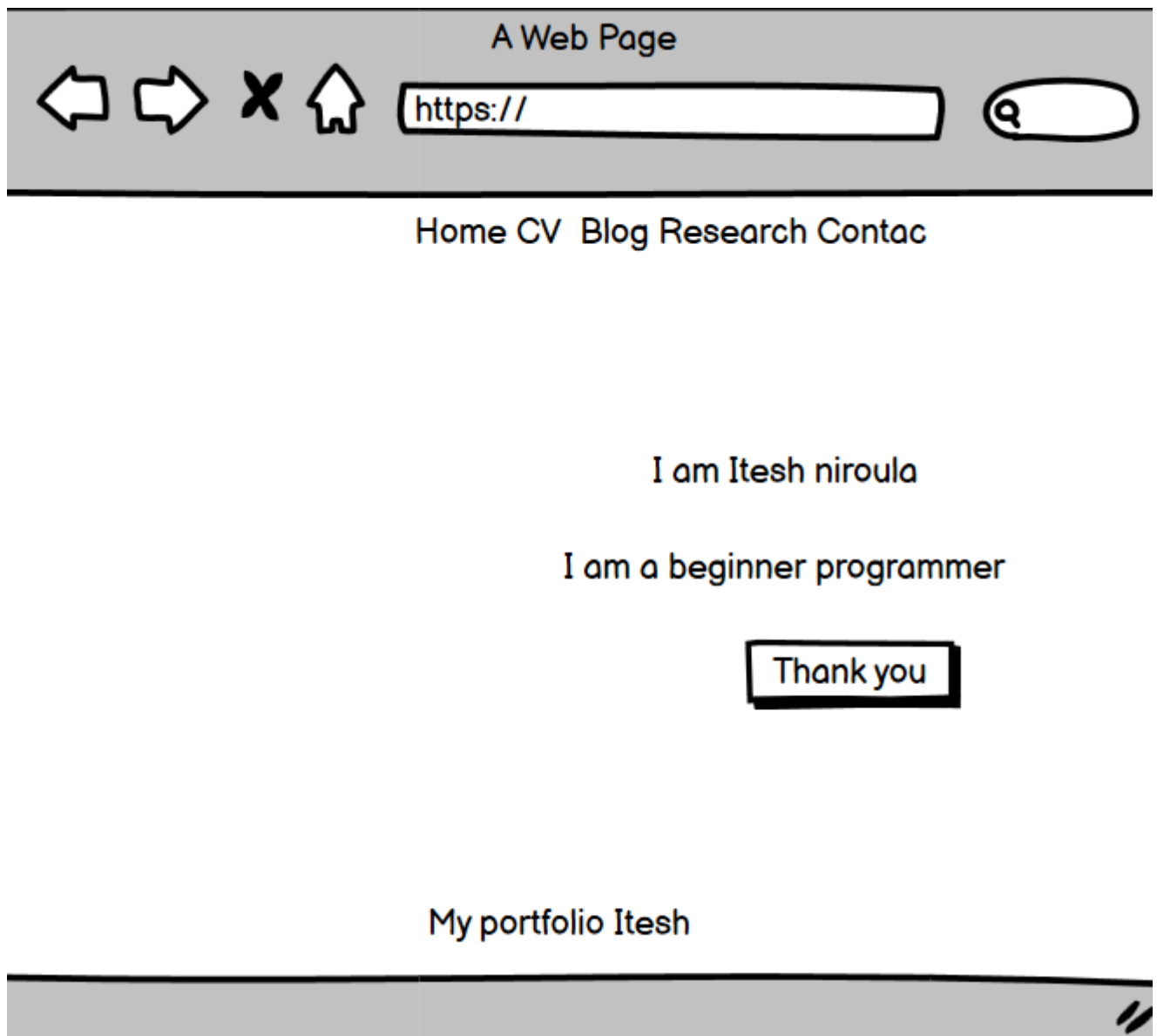


Figure: 6 wireframe of home.

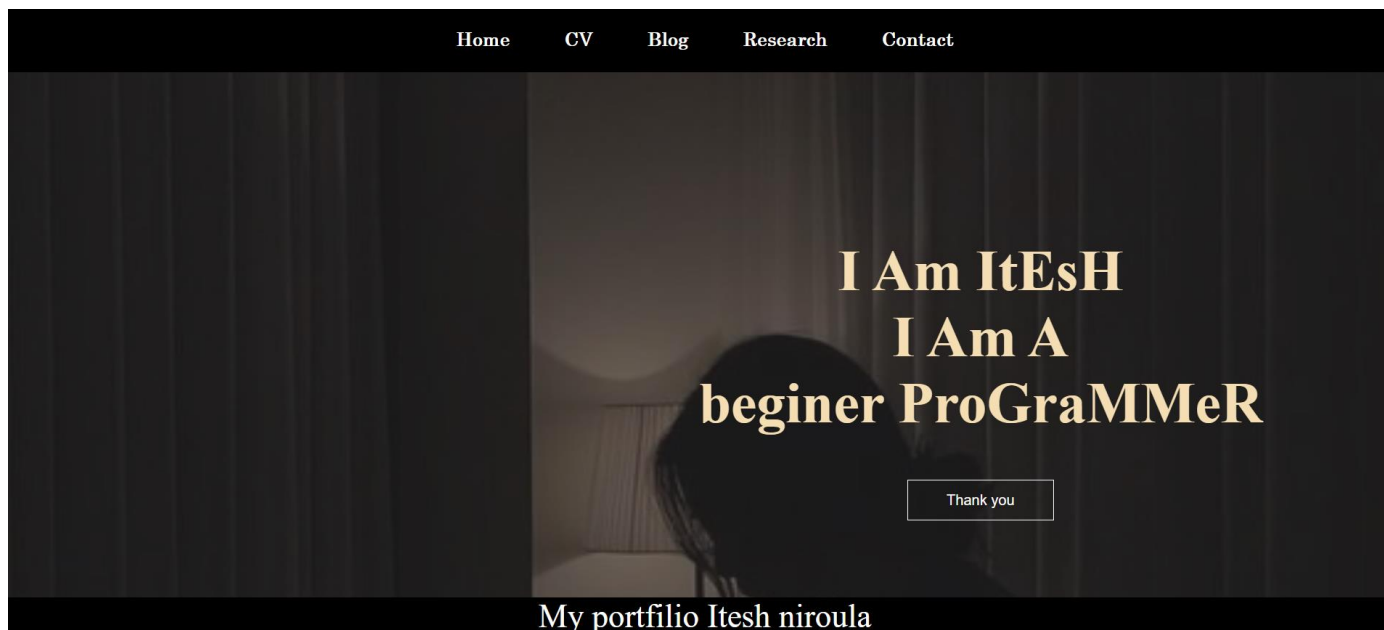


Figure 7: home page

## II . CV

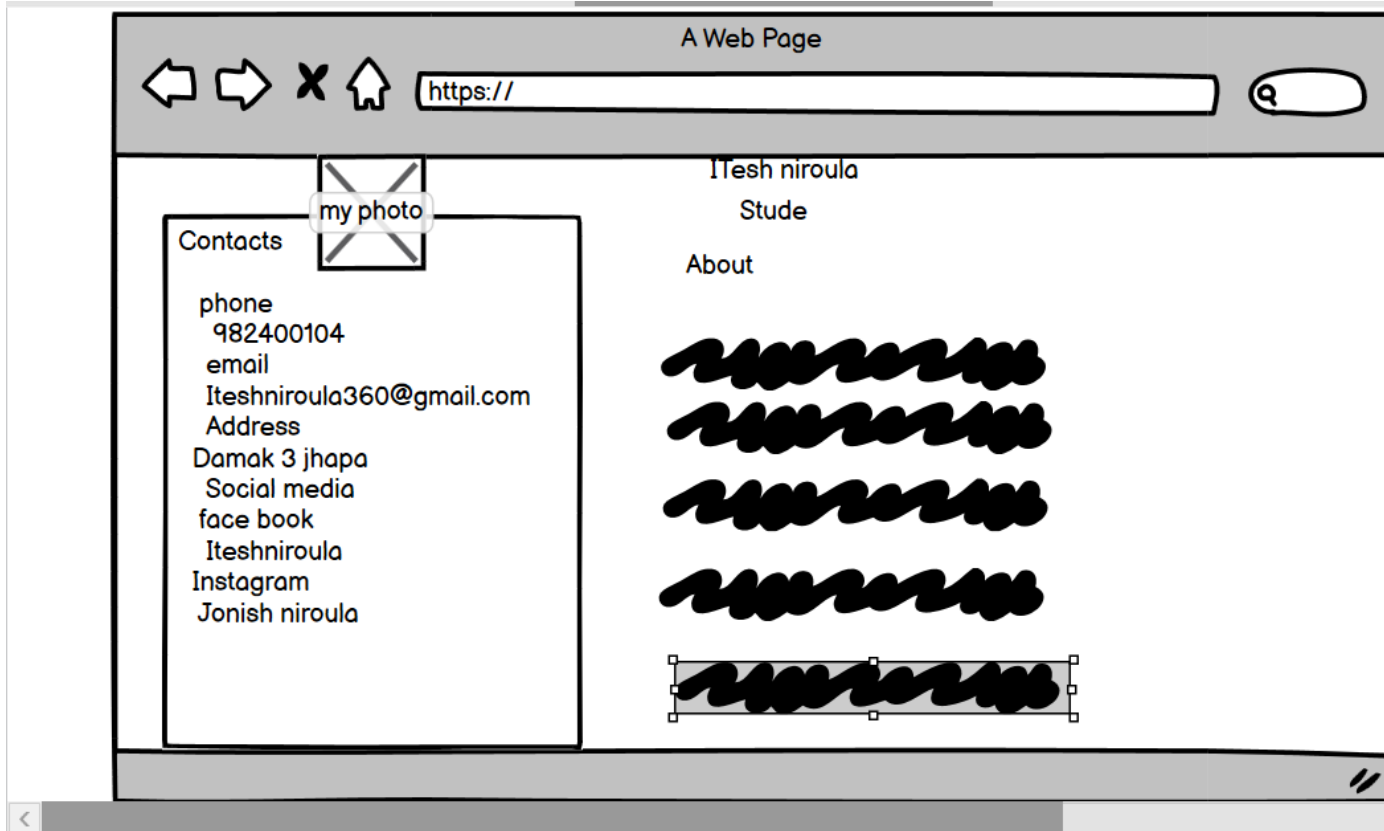



Figure 8: Wireframe for CV



# IteSh niroula

## Student

### Contact

Phone  
9824001046

Email  
iteshniroula360@gmail.com

Adress  
Damak 3v jhapa nepal

### skill

Html  
css  
SQL  
js

### socialmedia

Facebook  
[IteSh niroula](#)

Instagram  
Jonish niroula

### About

Name=IteSh niroula

Father nam= Bidur niroula

Mothername=Indira niroula

Date of birth= 3/5/2059BS

Sex=male

Languages= nepali indian english

Nationality=nepali

### Collagenname

Islingtong collage

Siddhertha collage

### School

Narendra memorail english secondary school

### Hobbies

dancing

singing

football

basketball

Figure 9: CV page

### III. Blog

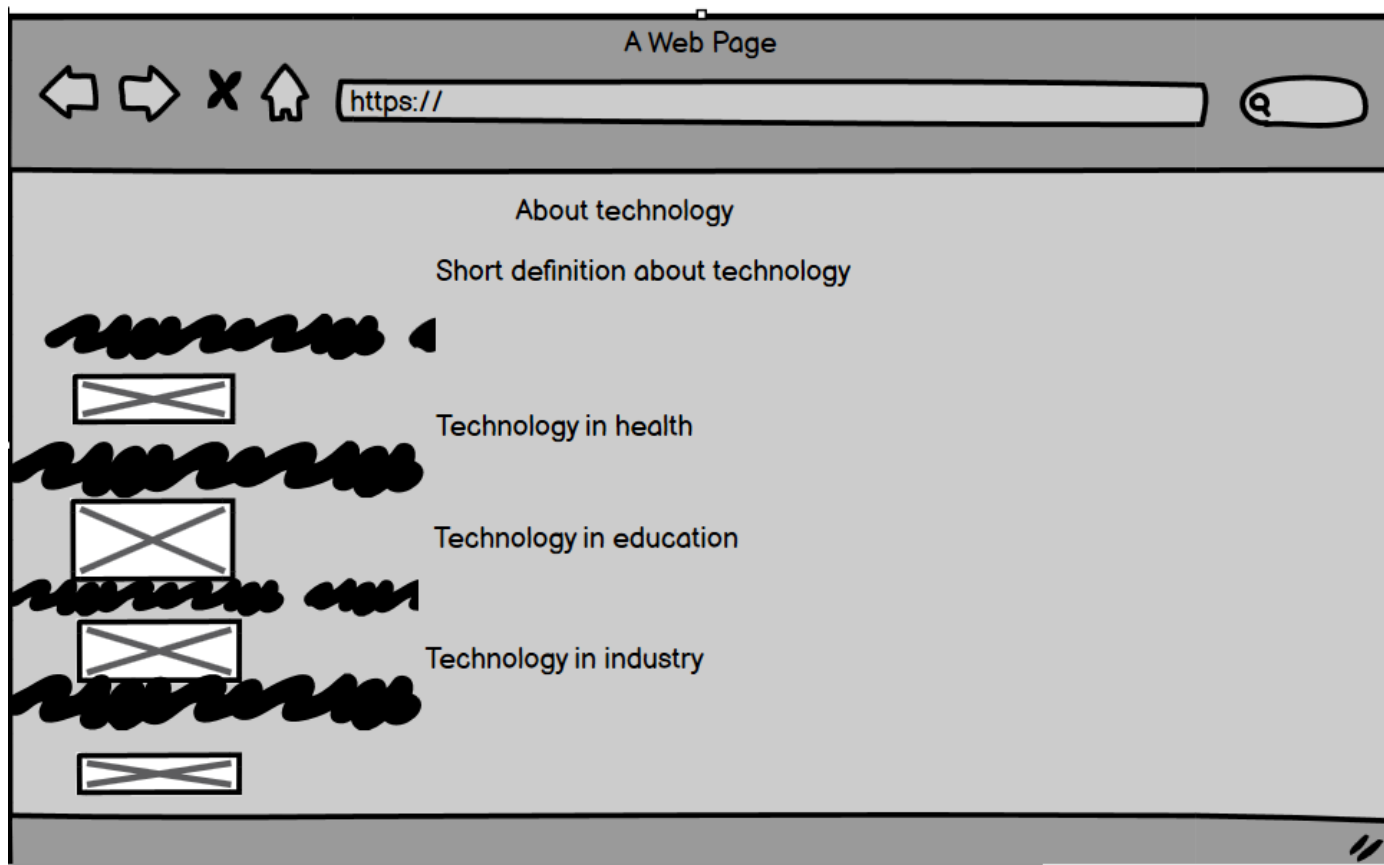


Figure 10: Wireframe of Blog



Figure 11: Blog page

## IV. Contact

The wireframe shows a web browser window titled "A Web Page". The address bar contains "https://". The page is divided into two main sections: "My information" on the left and "Contact me" on the right.

**My information**

- Email**: Represented by an envelope icon.
- Contact my email**: Represented by a telephone handset icon.
- 9824001046**: A phone number.
- facebook**: Represented by the Facebook "f" logo.
- Itesh Niroula**: A name.


**Contact me**

- Three lines of text are redacted with black scribbles.
- A large rectangular text input area.
- A "Submit" button.

Figure 12: Wireframe of Contact.


### my Information

Email




iteshniroula360@gmail.com

Contact



9824001046

Facebook



Itesh niroula

### Contact me

Enter you Name:

Enter your Name

Enter your email:

Enter your email

Enter your phoneNo:

Enter you phoneNo

Fri May 28 2021 08:26:19 GMT+0545 (Nepal Time)

Subject:

write some message

Send Me

Figure 13: Contact page



## e. Research

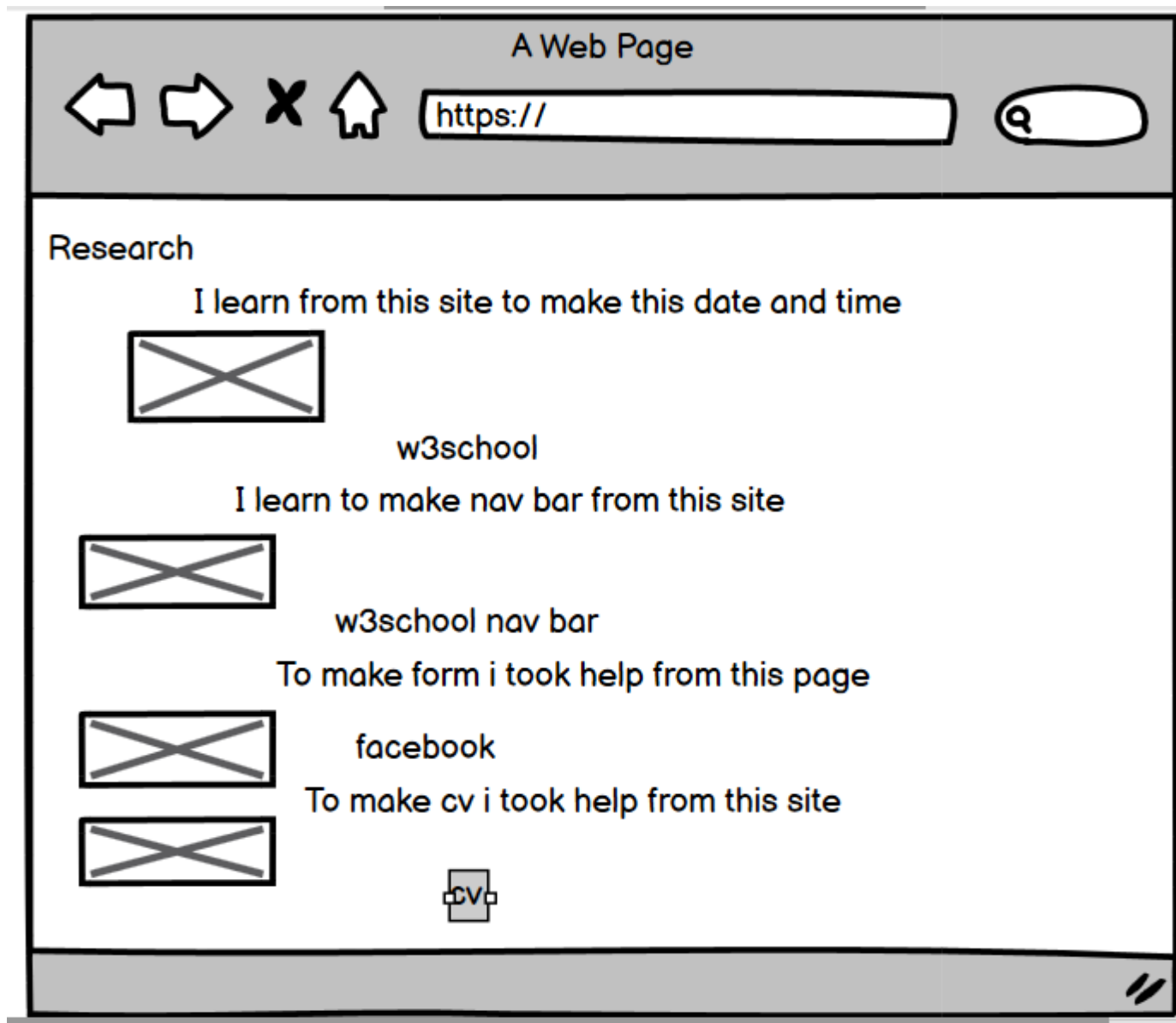


Figure 14: Wireframes of Research

## References

I learn from this site to make this date and time

Thu May 27 2021 19:34:08 GMT+0545 (Nepal Time)

[w3school](#)

I learn to make nav bar from this site

### Responsive Navigation Bar with Icons

Try to resize the browser window to see the responsive effect.

Home Search Contact Login

[w3school nav bar](#)

To make form i took help from this page

[Facebook](#)

Figure 15: Research page

## 3. Testing

Testing is the process of evaluating a system or its component(s) with the intent to find whether it satisfies the specified requirements or not. (tutorialspoint, 2019). Testing is the process of checking whether the work is working with requirement of the context or not.

### 1. Test 1

<b>Objective</b>	To display the pop-up message in Contact page
<b>Action</b>	Go to contact page and do not fill the form and click Submit button
<b>Expected Result</b>	The pop-up display say please fill the form
<b>Actual Result</b>	Suitable a pop-up message is displayed.
<b>Conclusion</b>	Test is successful.

Table 1: Test 1

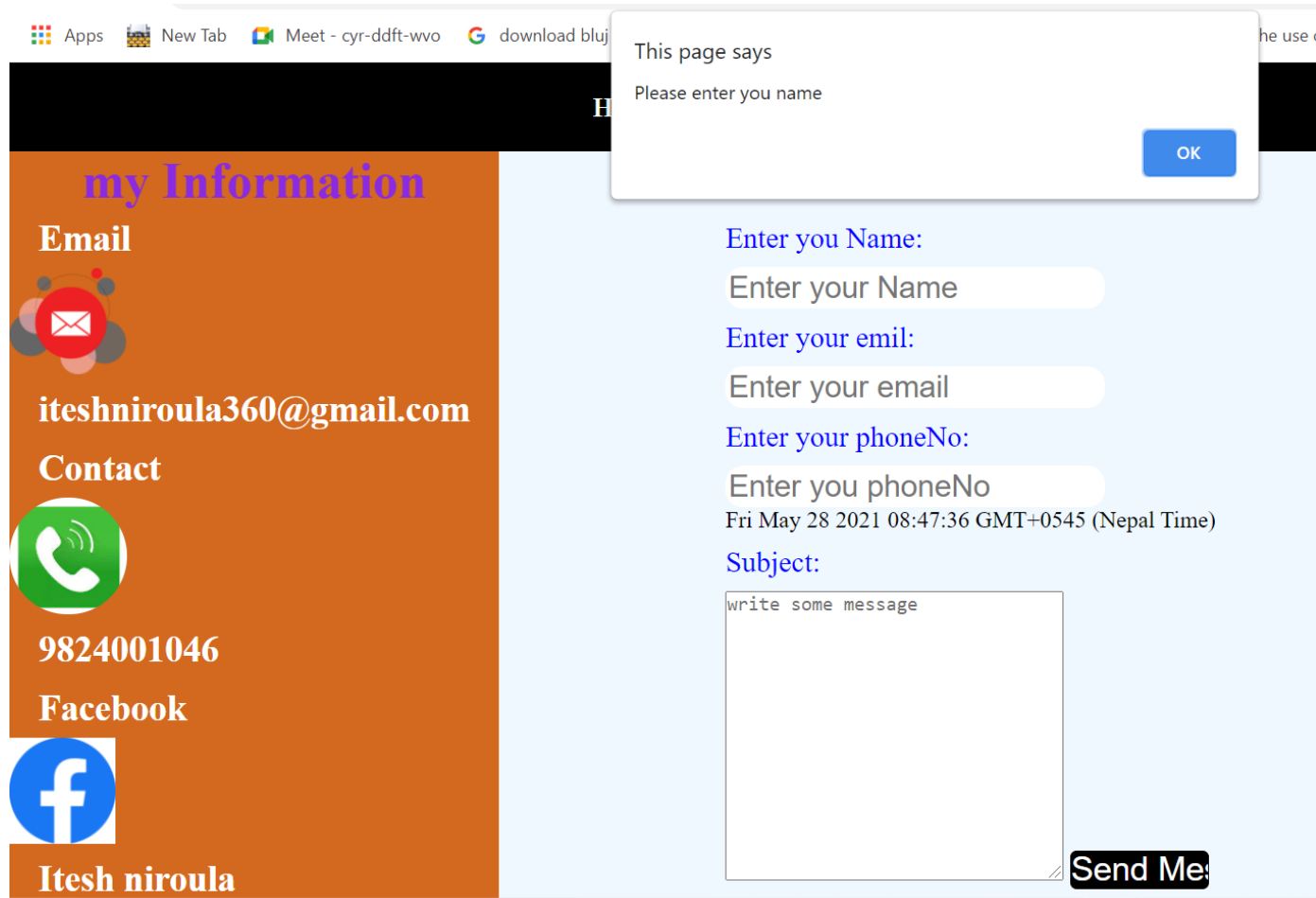


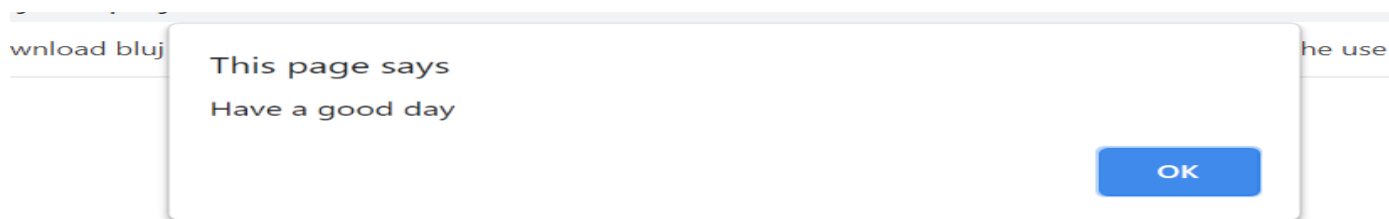
Figure 16: Showing alert message

## 2. Test 2

<b>Objective</b>	To display the suitable pop-up message before entering home page
<b>Action</b>	Open home page and pop-up will display

<b>Expected Result</b>	Suitable message Have a good day will be displayed.
<b>Actual Result</b>	Suitable message Have a good day will be displayed
<b>Conclusion</b>	Test is successful.

*Table 2: Test 2*



*Figure 17: Showing Pop-up Message*

### 3. Test 3

<b>Objective</b>	Display some message after clicking the button
<b>Action</b>	Go to Home webpage and click Thank you button.
<b>Expected Result</b>	Suitable message will be displayed

<b>Actual Result</b>	Message was displayed.
<b>Conclusion</b>	Test is successful.

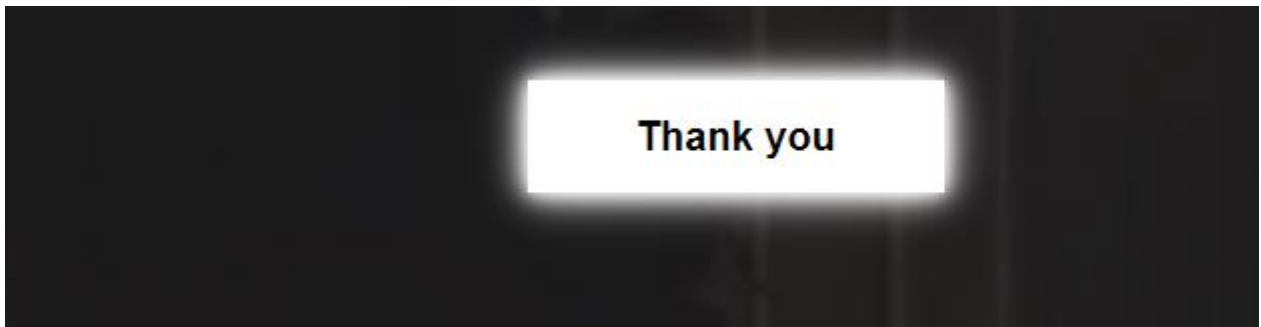
*Table 3: Test 3*

Figure 18: Displaying suitable message.

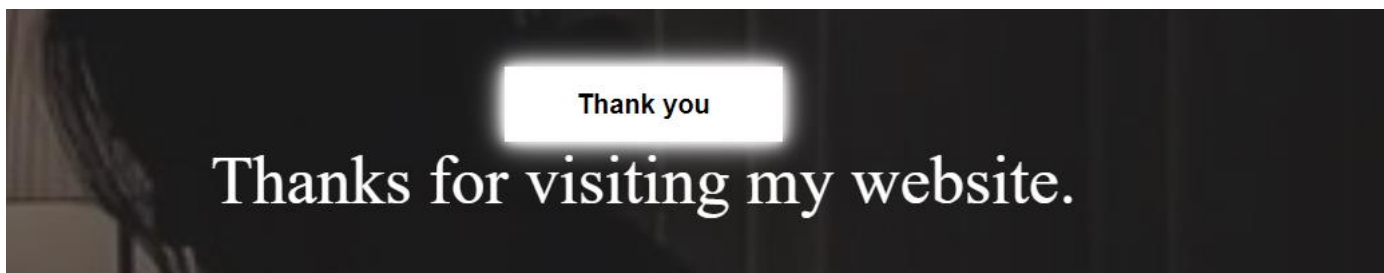


Figure 19: Displaying suitable message is successful

**4. Test 4**

<b>Objective</b>	To display date and time.
<b>Action</b>	Displaying data and time
<b>Expected Result</b>	Current date and time will be displayed.
<b>Actual Result</b>	Current date and time is displayed.
<b>Conclusion</b>	Test is successful.

*Table 4: Test 4*

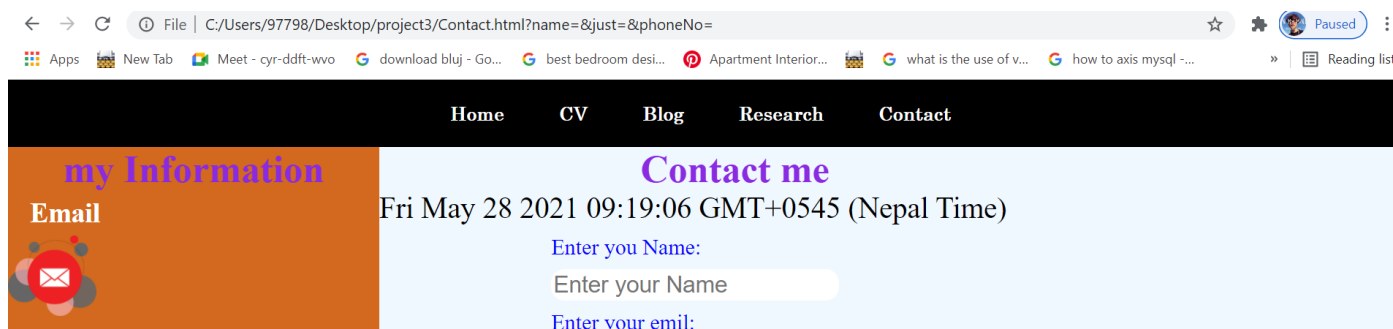


Figure 20: Showing data and time.

## 5. Test 5

<b>Objective</b>	To show white background color with box shadow and white font color
<b>Action</b>	Go to home webpage and point mouse to navigation bar.
<b>Expected Result</b>	White background-color with box shadow and white font color will appear.
<b>Actual Result</b>	White background-color with box shadow and white font color appeared.
<b>Conclusion</b>	Test is successful.

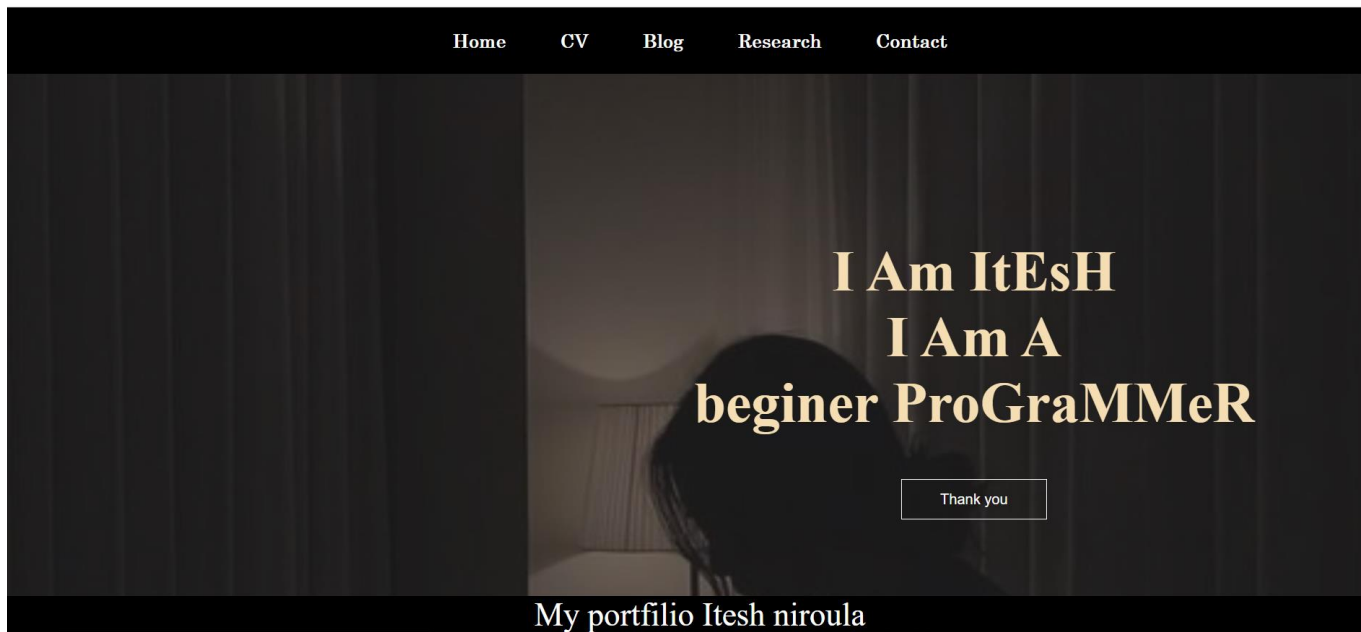
*Table 5: Test 5*

Figure 21: Home page

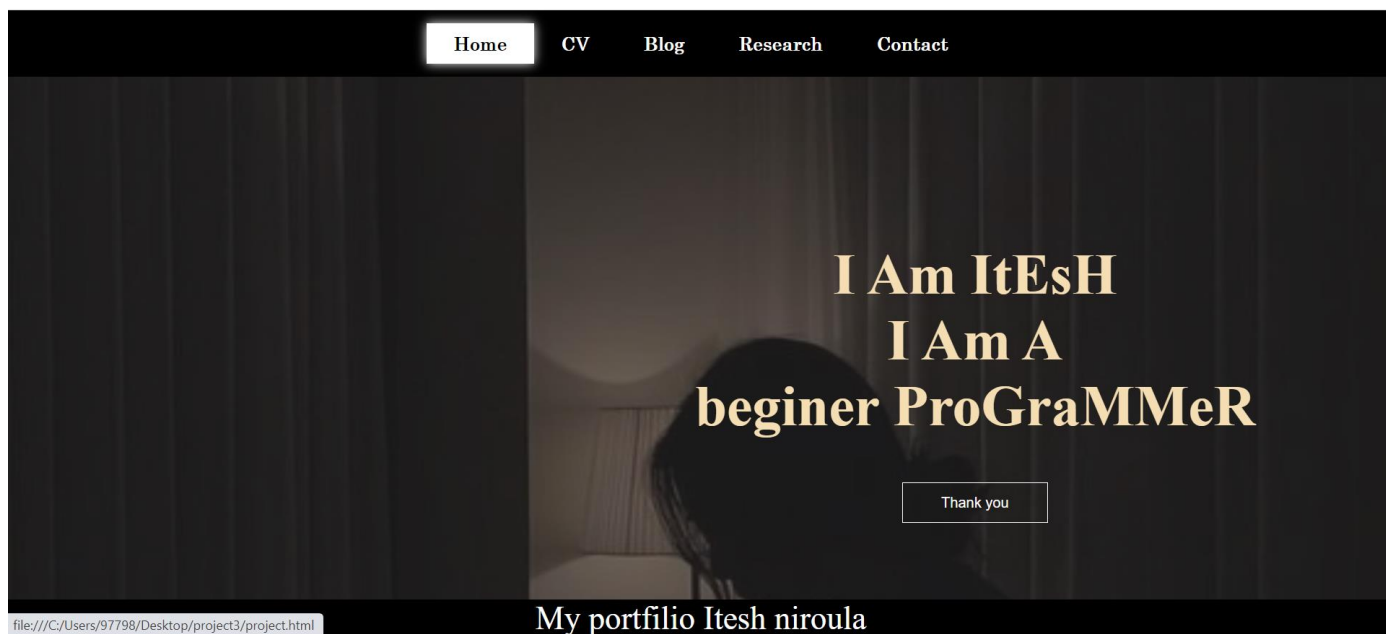


Figure 22: showing hover effect.

## 4. Conclusion

When I received the question from the college, I attempted to answer it. It was going to be about making a portfolio website. Because I had never created a website before, I encountered several challenges when creating this one. I enlisted the assistance of the website as well as friends. I also had a look at the workshop section, which helped me finish my website. Then I created wireframes for all of the sites, which was a challenging task. I completed it with the aid of our teacher and the internet. I started designing a simple and attractive website after gathering all of the information and creating a wireframe. It was a joy and a pleasure for me to finish it

The study I conducted yielded useful information and increased my expertise. In addition, a basic understanding of HTML, CSS, and JS was gained. Such courses will undoubtedly aid in the development of a successful website design job. I put forward a lot of effort and gave it my all to finish this course. Overall, I believe that doing this course work was a delight for me since I learned something new, and website design is more than just writing code; it is also about logical thinking and understanding how codes operate. This coursework has given me the confidence that if I need to design a website in the future, I will be able to do it quickly and efficiently.



## 5. References.

<https://www.w3schools.com/html/>

I learned HTML CSS and JS from this site.

<https://www.tutorialspoint.com/>

I wrote short description of HTML CSS and JS with the help of this site