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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

Introduction to project

The project is about developing website with multiple pages. At first, wireframe of all 5 pages is made and then the webpages are designed according to the wireframes. After developing Website this report is made. This project is done according to the guidelines

provided by the respected teachers. The website is made using HTML, CSS and java script. The website contains 5 pages. The homepage, CV page, Research page, Blog page and Contact page and after making webpages.

Goals and Objectives of projects

The goals and objective are to make a website consisting different webpages. The first page is home page which consist of short information of myself and displays the running time of our county. And it also includes Short introduction of other website and a simple footer. The second page is about CV page which includes the detailed information about myself, my skills, certifications, qualification, and achievements etc. while the third page is the blogs which is about the information of technology. The fourth page includes the reference of the other website. The last page which is contact us page is designed to get contacted by the user through the form. To sum up, the goal and objective of the project is to make well-functioning website meeting every criteria of the project.

Utilization of Html, CSS and JavaScript

Html tags, CSS properties and JavaScript function are being used to make this website.

Html tags i.e., <header> and <footer> are being used to make a header and footer respectively., the <body> tag covers all the contents of the website. <div> tag are used to divide the section. While tag is being used to display the image and <a> tag is being used to link external folder or external websites. <table> tag is used to create a navigation bar etc. The css properties that are being used is Width, height, padding, margin, color, background color, background-image, font-size, font-family, font-color, and hover etc. formvalidation() and time() javascript function are also used in the contact form and to display the running time respectively.

Therefore, the project is about making the website according to the guidelines where everything taught in the course should be used. Project is assigned specially to make us practice and revise the contents of the course from the very beginning and implement learned skills practically.

Discussion and Analysis

Selected Text Editor- Visual Studio Code

Visual Studio Code is “a free-editor that helps the programmer write code, helps in debugging and corrects the code using the “intelli-sense method ”. (Pedamkar, n.d.). Visual code is very easy to use and it supports multi languages. It also provide go live feature where we can write code and check the effects simultaneously. While using Vs code I felt much easier in comparison to other text editor. It also give accurate recommendation of the tags colors and other features.

Tool used while developing wireframe- Balsamiq

Balsamiq wireframes has been used to develop the wireframes of all the website. Balsamiq wireframes is a user interface design tool for creating wireframes. (Balsamiq, n.d.). It can be used to create digital sketched of the concept or idea for an application or website. It can be used to clarify our vision and to know where it is possible or not before designing applications or website.

Name of page- Homepage

The home page contains short introduction and running date and time. Navigation bar contains five options like Home, Cv, Research, Blog and contact and by selecting the option, user can redirect in to the corresponding pages. Below the navigation bar, there is a short introduction of every other webpages. Lastly, It has a footer with the essential information.

Screenshot of the wireframe

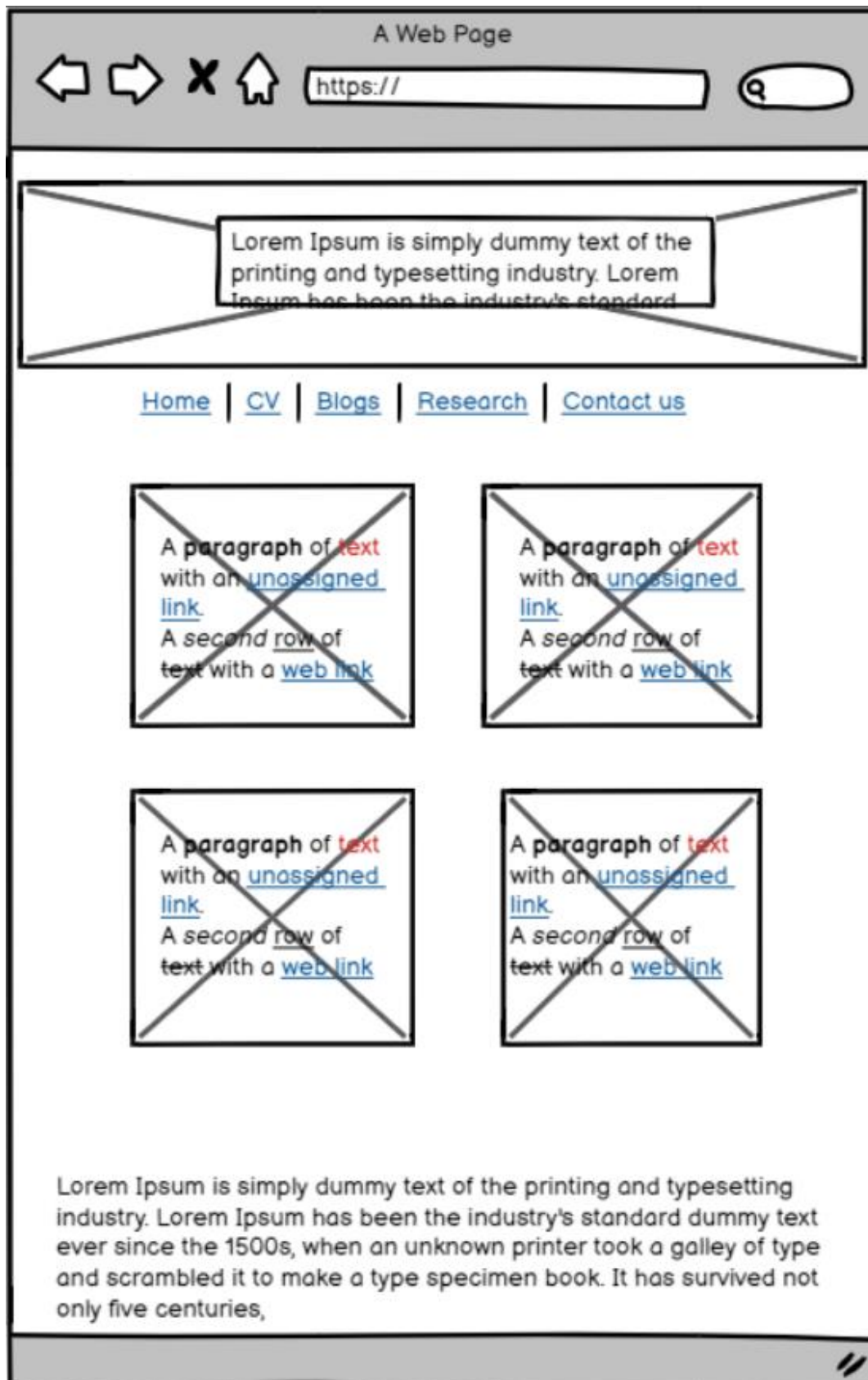


Figure 1:home page wireframe

Screenshot of Webpage

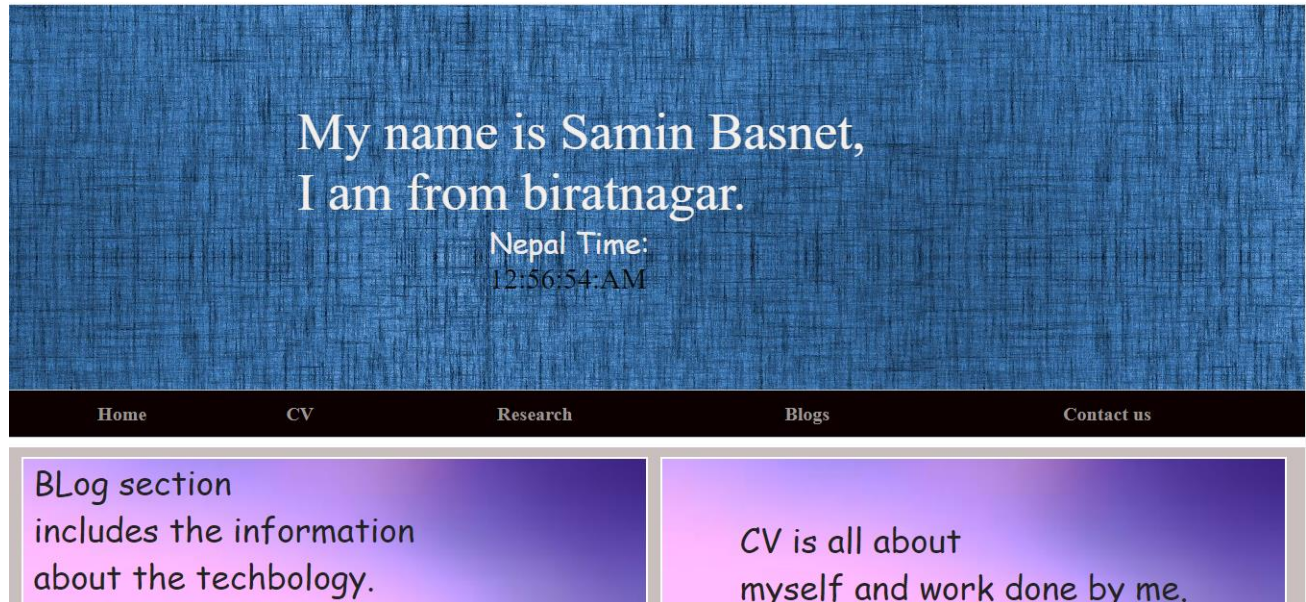


Figure 2 Screenshot of homepage 1



Figure 3 screenshot of homepage 2

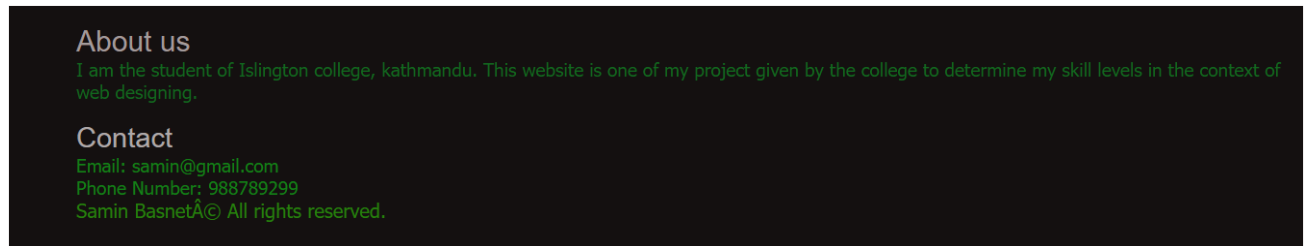


Figure 4 screenshot of homepage 3

Name of page- CV page

Firstly, at the starting, it has detail information about me and my studies. This page also contains all the details that is need to hire. This page includes working experience and educations and my career information. Skills are also tried to be shown in these page. Lastly, it has a same footer as a home page.

Screenshot of the wireframe

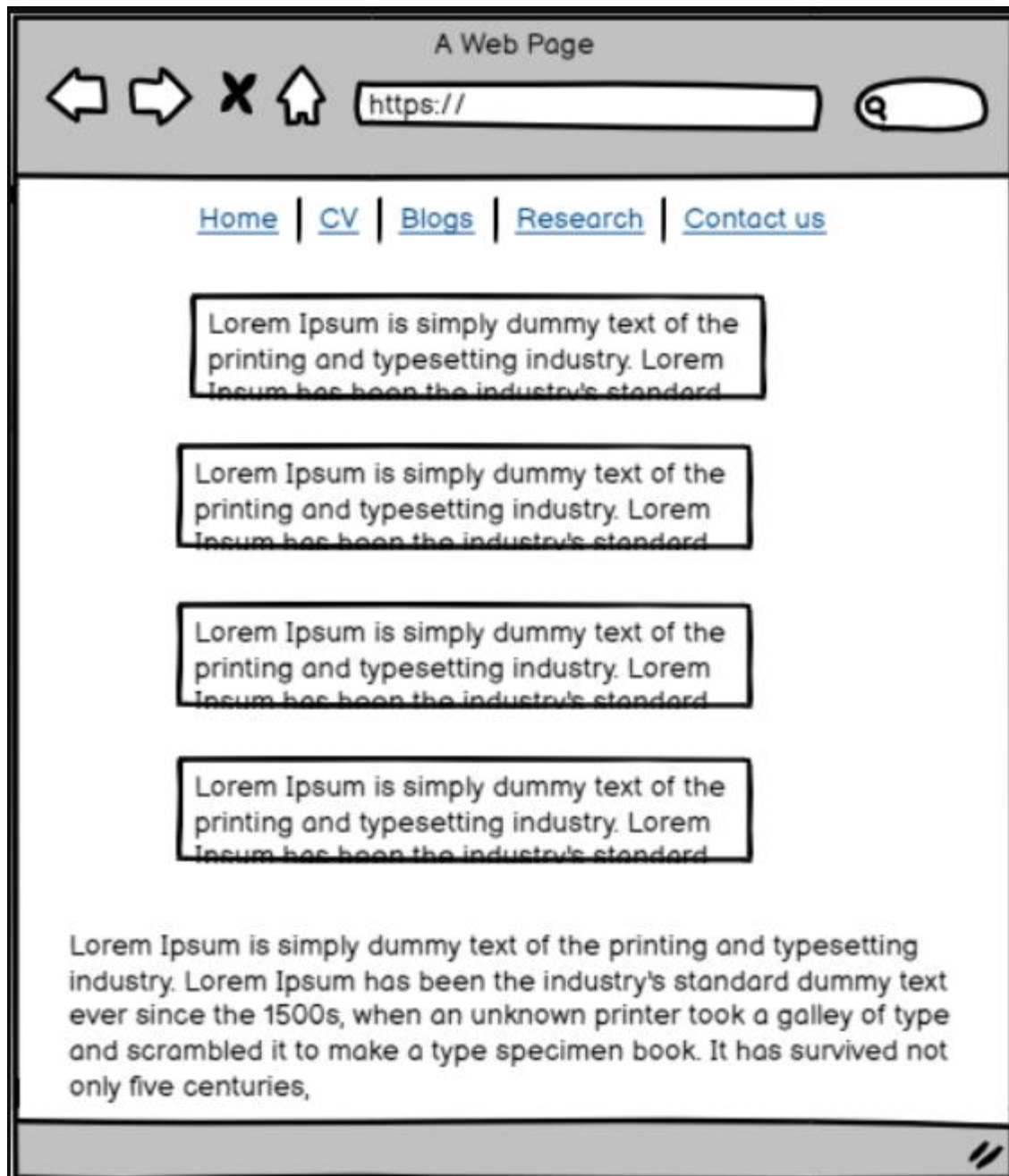


Figure 5: wireframe of CV page

Screenshot of Webpage

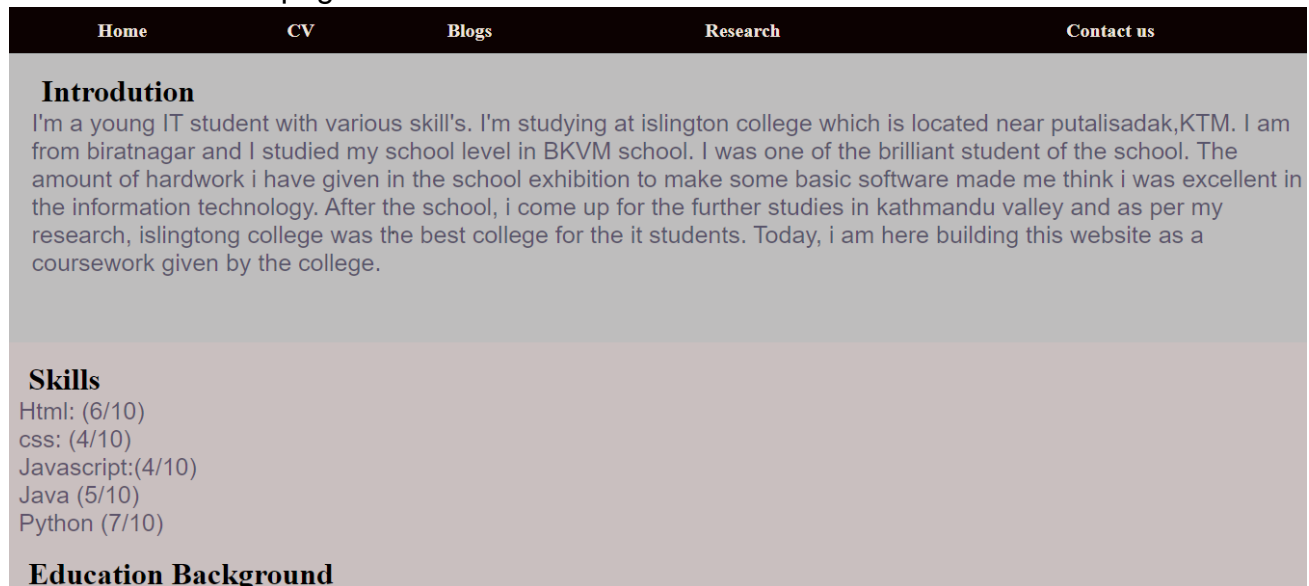


Figure 6 screenshot of cv 1



Figure 7 screenshot of cv 2

Name of page – Blogs

This page contains blog about technologies, its advantages, disadvantages and finally verdict. There is an introduction part of technology at the starting of this blogs page. In

the middle of the web pages, positives and the negative parts of the technology has been written. Lastly, there is been a overall verdict of mine regarding these topic.

Screenshot of the wireframe

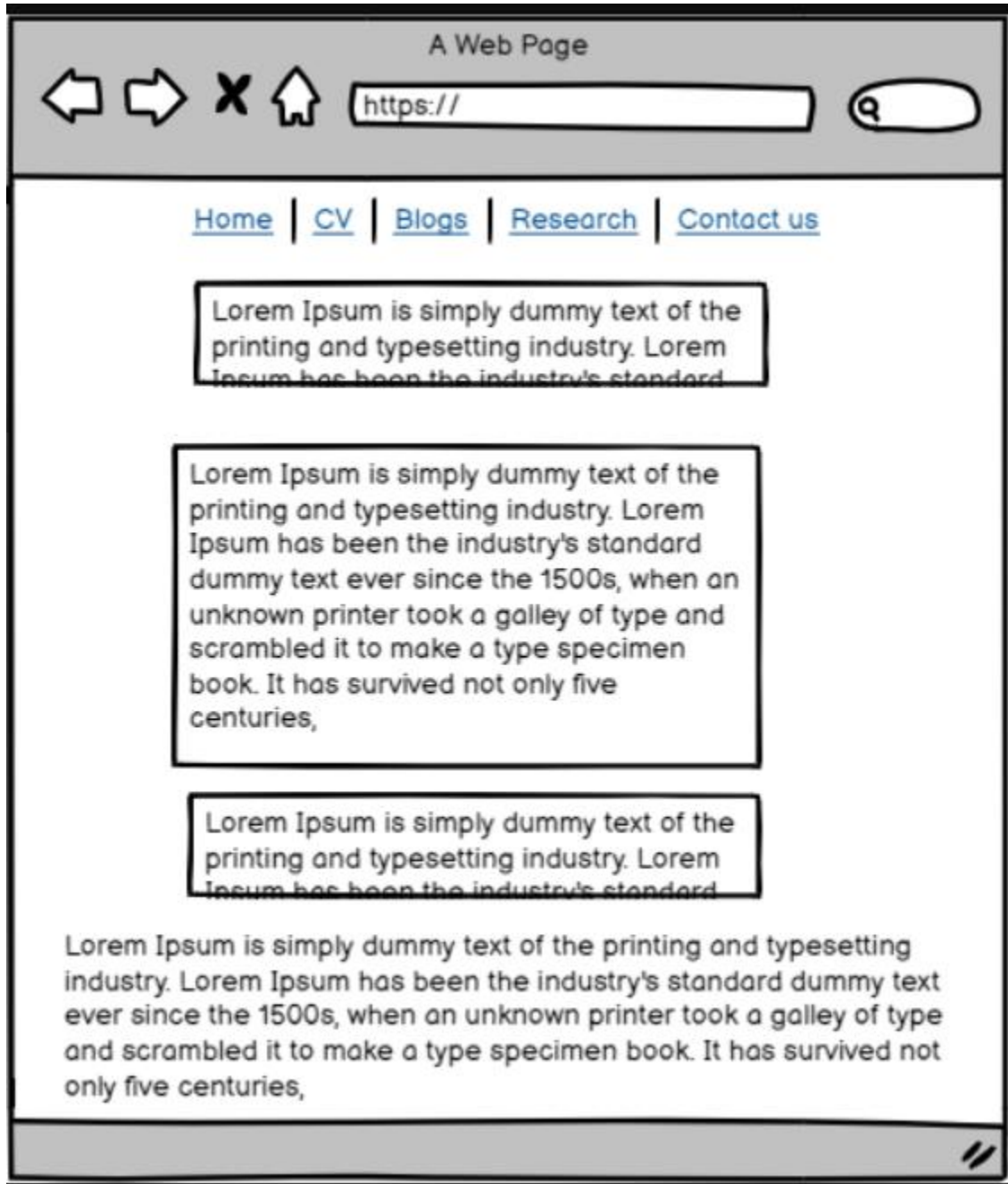


Figure 8 wireframe of Blog

Screenshot of blogs page

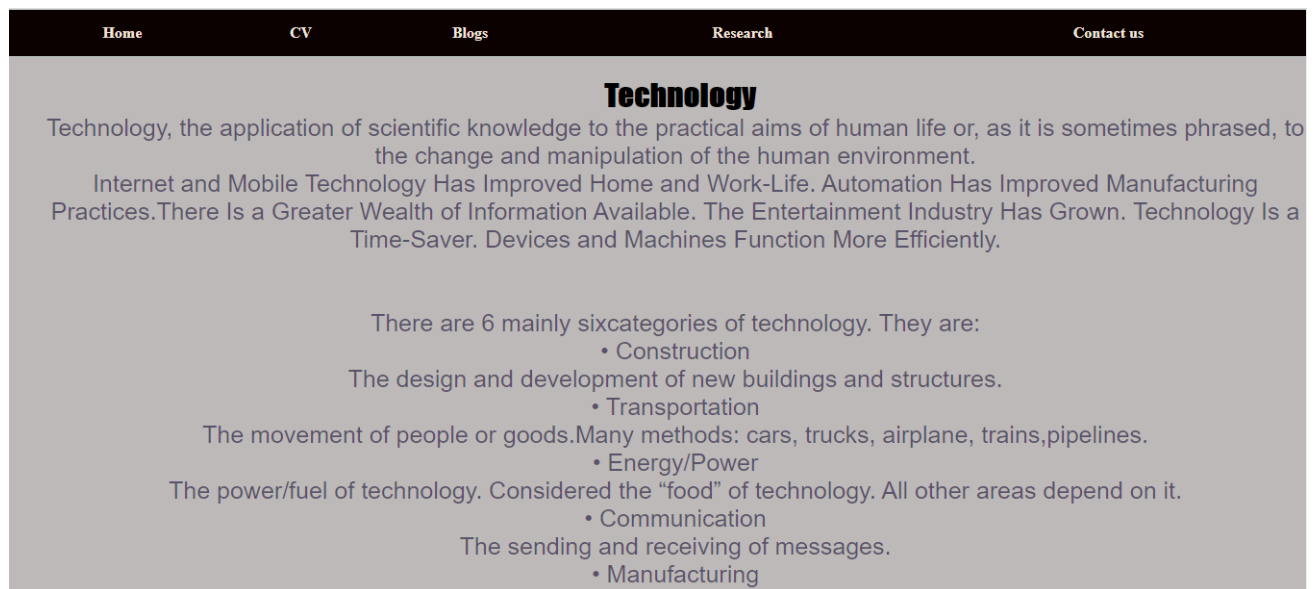


Figure 9 screenshot of blog 1

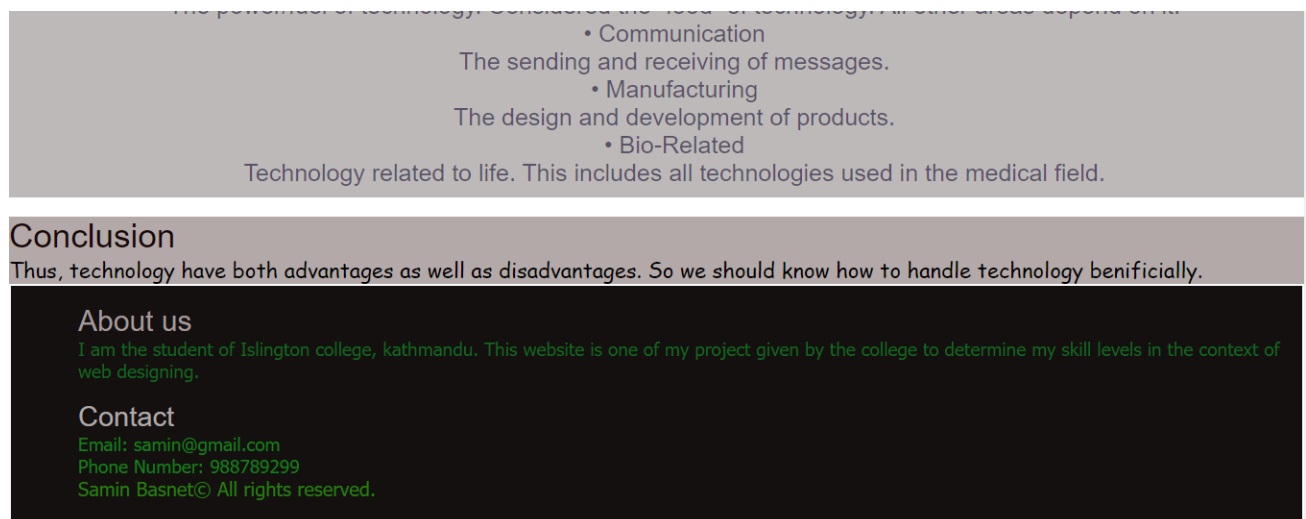


Figure 10 screenshot of blog 2

Name of the page- Research

Research page is the page which includes the references of other websites. It has same navigation like the CV and Blogs webpage. Below the navigation bar, there is a short introduction about the Research web page. After that, there is a comparison between

reference website and my site. On the left side, there is a reference page and on the right side, there is a referenced implemented in my website. Same footer has been implemented.

Screenshot of Wireframe

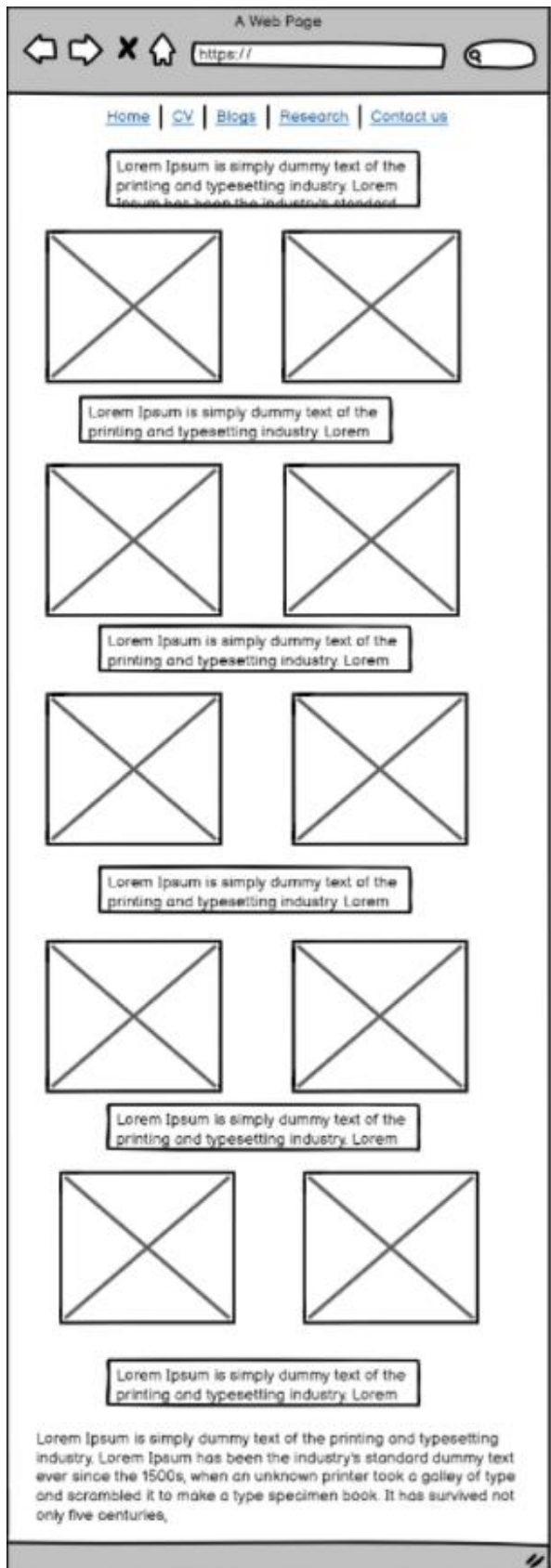


Figure 11 wireframe of research

Screenshot of Research webpage



Figure 12 screenshot of research 1

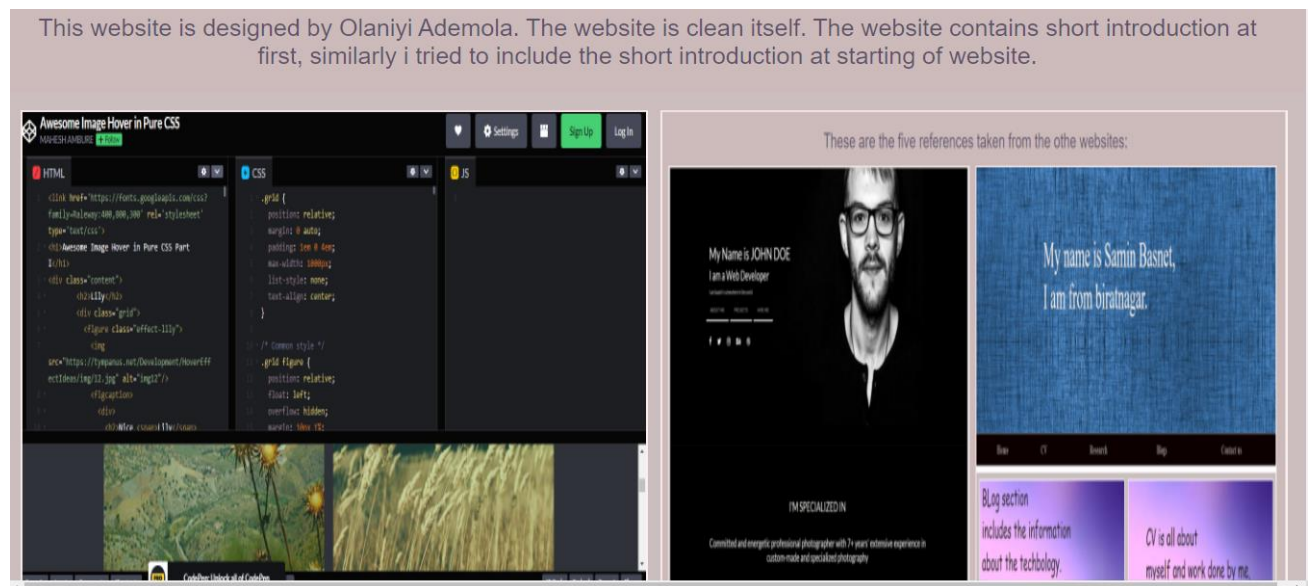


Figure 13 screenshot of research 2

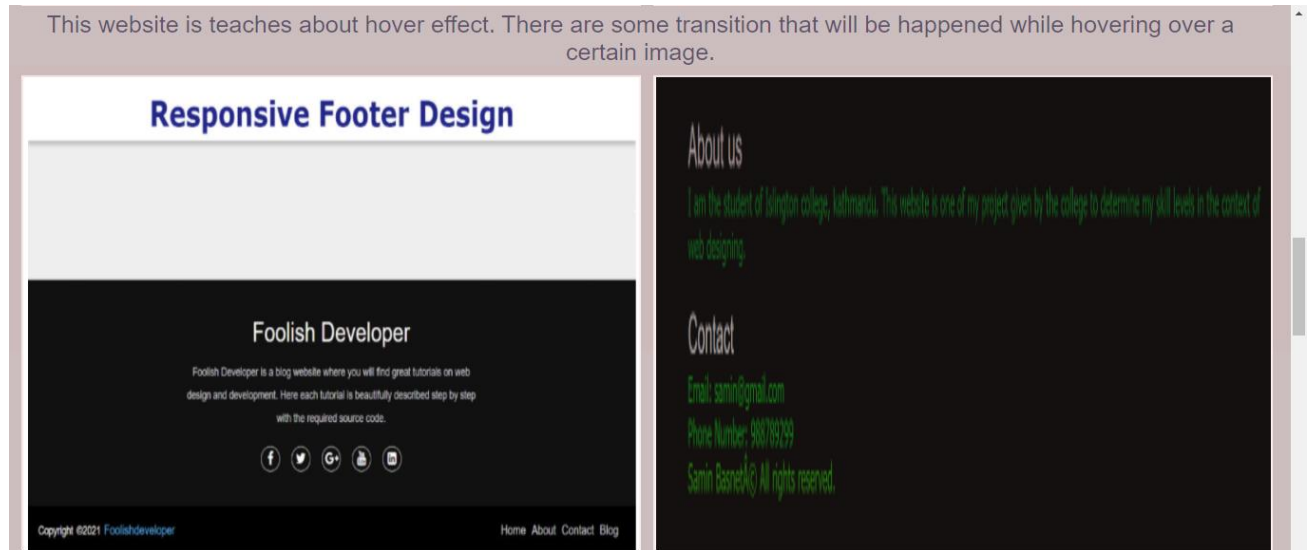


Figure 14 screenshot of research 3

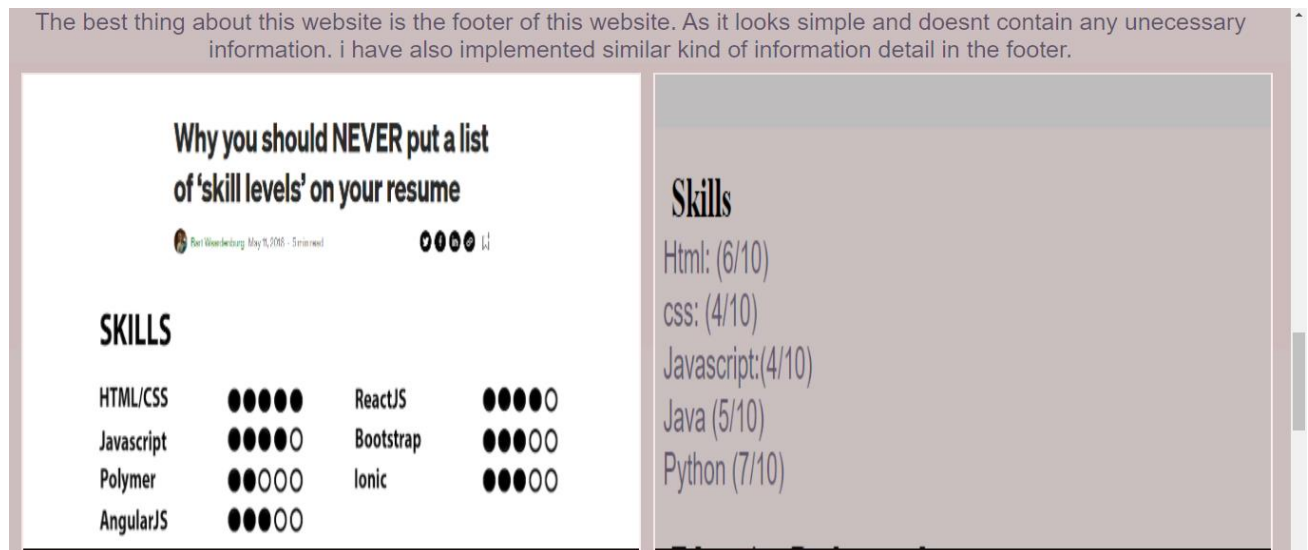


Figure 15 screenshot of research 4

I liked the concept of rating your skills of this website, though it is more complex to design but easy to understand the rating of skills. Similarly, i design it in a simple way to showcase the rating of mine.

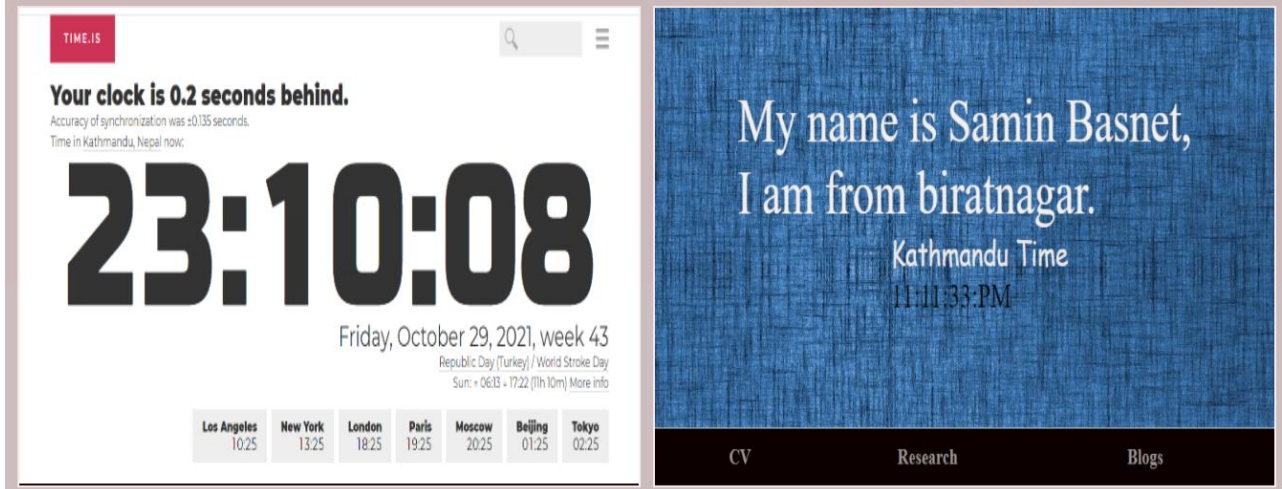


Figure 16 screenshot of research 5

What i loved about about this website is it display the running time of different regions. The same way i implemented the running time of our country in my website.

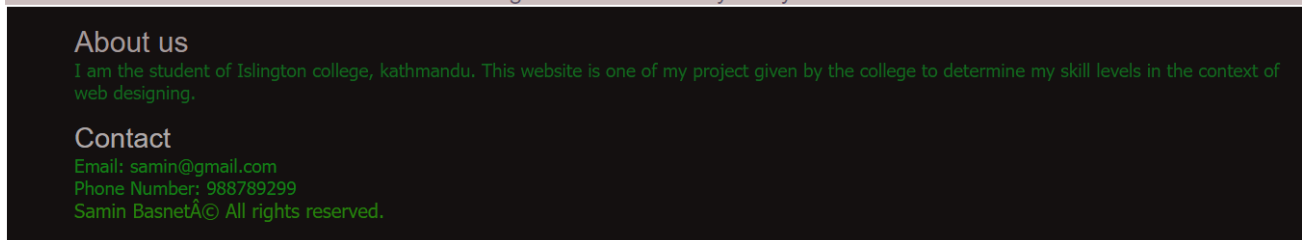


Figure 17 screenshot of research 6

Name of the page- Contact

This is the page from where visitors can hire or contact me. It contains a form where visitors can enter their name, email, phone number and also leave message for me. It has the same nav bar and footer. In middle of that there is contact us form.

Screenshot of Wireframe

A Web Page

[Home](#) | [CV](#) | [Blogs](#) | [Research](#) | [Contact us](#)

First name

Last name

Email

Gender ☐ male ☐ Female

Message

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries,

Figure 18 wireframe of contact

Screenshot of webpage

Home Portfolio Blogs Research Contact us

Contact us Form

First name:

Last name:

Email:

Gender: ☒ Male ☐ Female

Message:

Figure 19 screenshot of contact 1

Message:

THANK YOU

About us
 I am the student of Islington college, kathmandu. This website is one of my project given by the college to determine my skill levels in the context of web designing.

Contact
 Email: samin@gmail.com
 Phone Number: 988789299
 Samin Basnet © All rights reserved.

Figure 20 screenshot of contact 2

Testing

Test 1: To test the functioning of clock.

Table 1: Test 1

Test	1
Objective:	Test the functioning of clock
Activity:	>>capturing clock time in different time
Expected Result	The time should be change.
Actual Result	The time gets changed.
Conclusion	Successful.

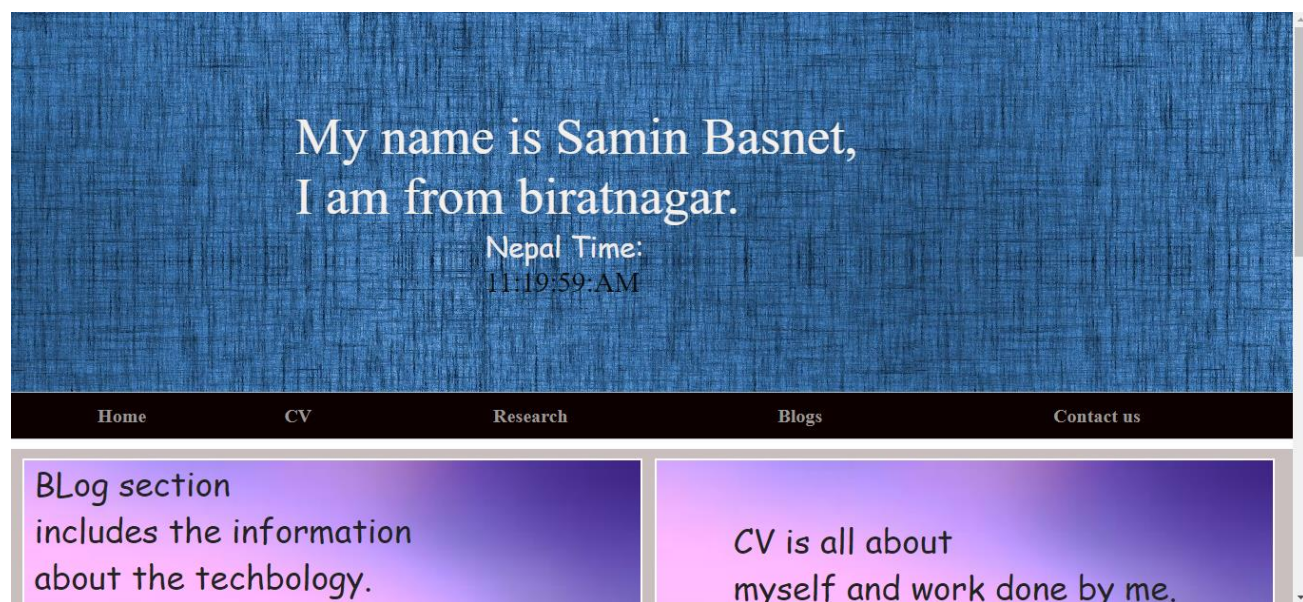


Figure 21 output of test 1



Figure 22 output of test 1

Test 2: To test hover effect over an image.

Table 2: Test 2

Test	2
Objective:	To test hover effect over an image
Activity:	Hovering mouse over an image
Expected Result	The image should get transition.
Actual Result	The image get transition.
Conclusion	Successful.

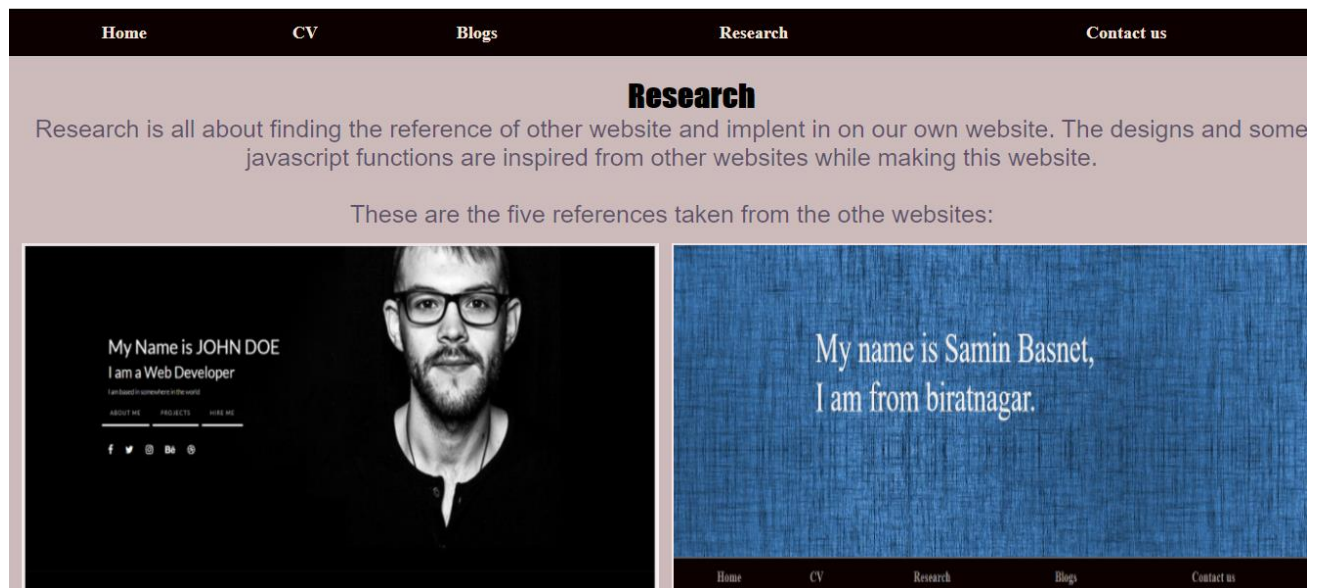


Figure 23 output of test 2

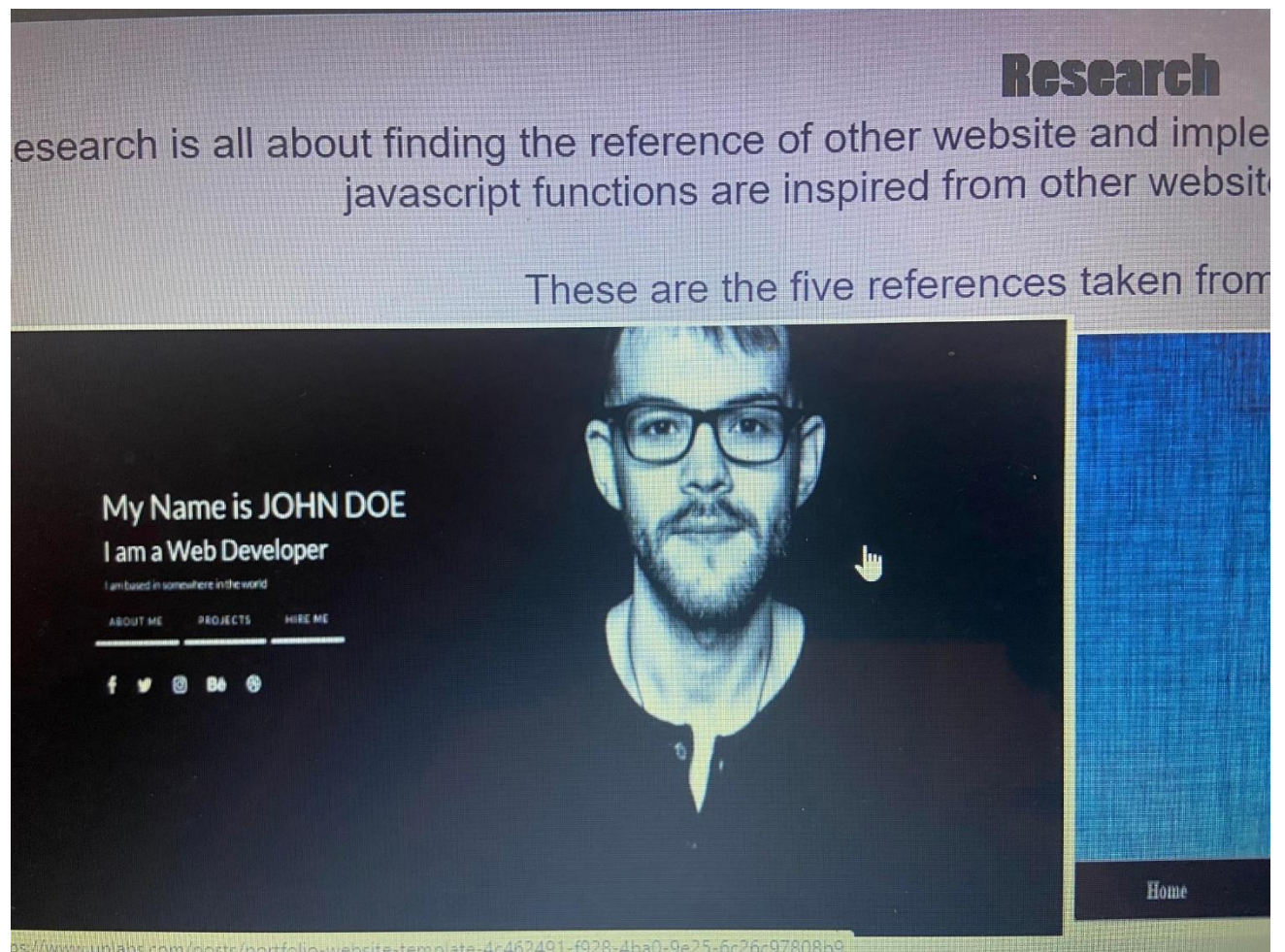


Figure 24 output of test 2

Test 3: To check what alert message comes if field is left empty in contact us form.

Table 3: Test 3

Test	3
Objective:	check what alert message comes if field is left empty in contact us form.
Activity:	Field is left empty and clicked on submit button

Expected Result	Alert message should come.
Actual Result	Alert message has come.
Conclusion	Successful.

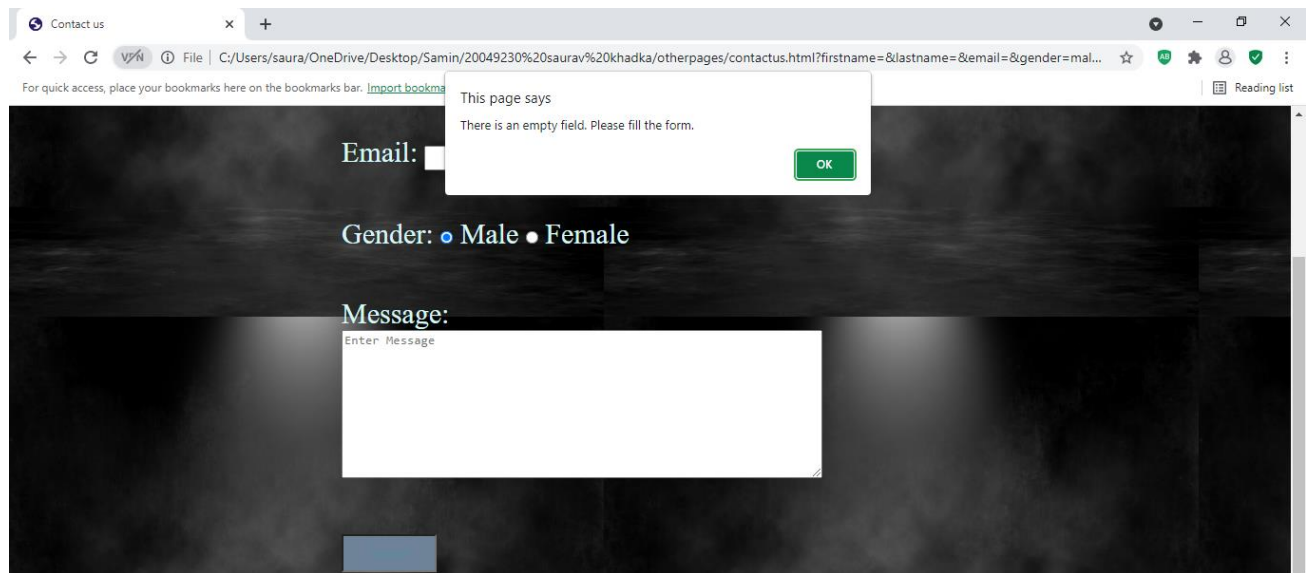


Figure 25 output of test 3

Test 4: To check if Thank you button works or not.

Table 4: Test 4

Test	4
Objective:	check if Thank you button works or not.
Activity:	Click on Thank you button
Expected Result	Thank you message should come.

Actual Result	Thank You message has come.
Conclusion	Successful.

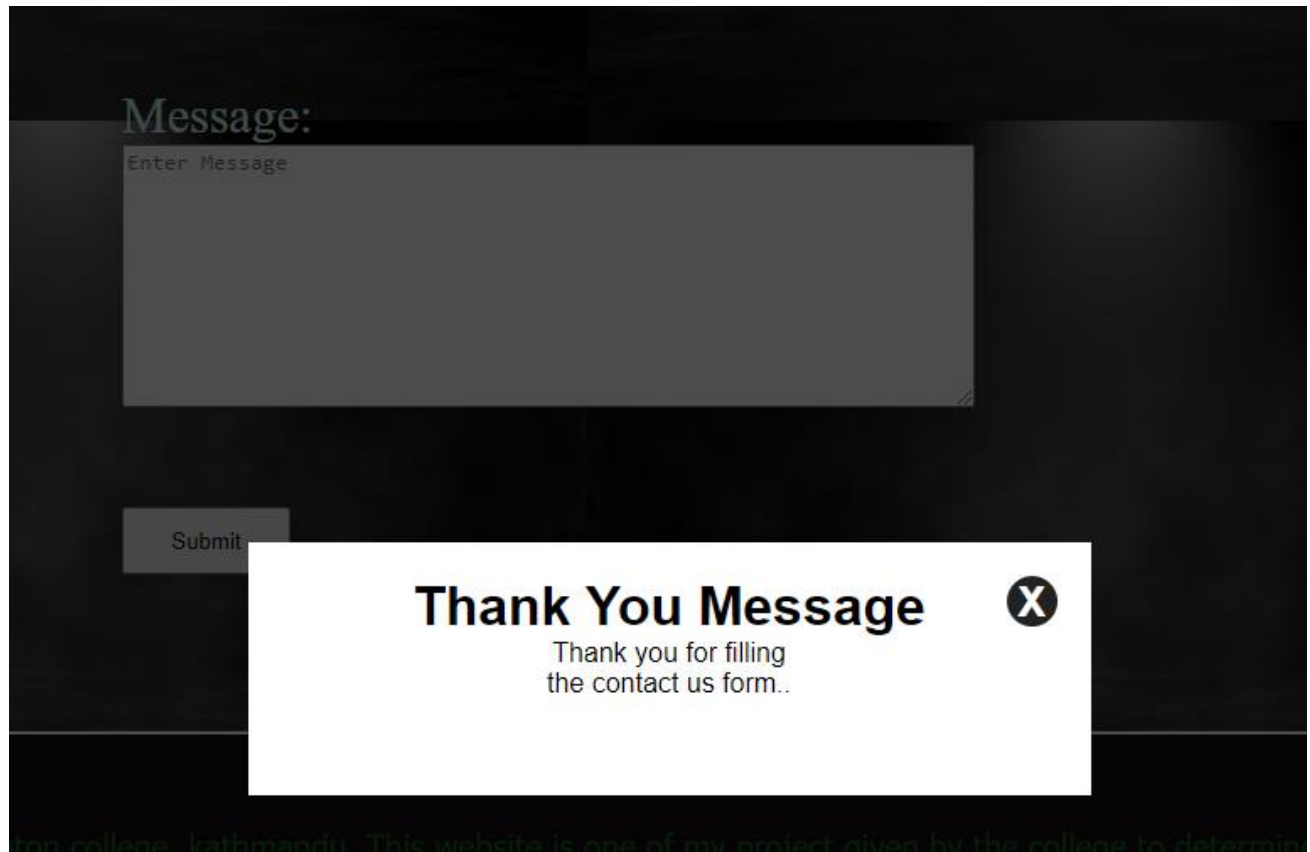


Figure 26 output of test 4

Test 5: To check if clicking the reference image will redirect to their website or not.

Table 5: Test 5

Test	5
Objective:	check if clicking the reference image will redirect to their website or not
Activity:	Clicking the reference image
Expected Result	It should redirect to their website.
Actual Result	It has been redirect to their website.
Conclusion	Successful.

Research

Research is all about finding the reference of other website and implementing javascript functions are inspired from other websites.

These are the five references taken from

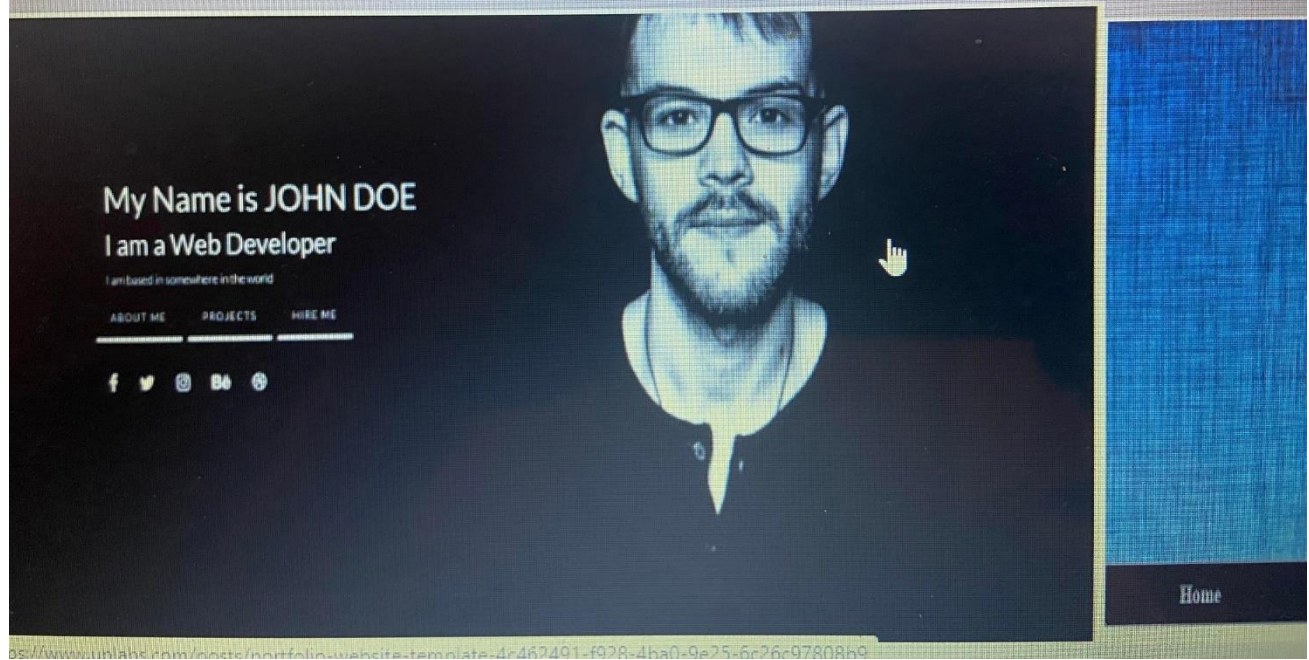


Figure 27 output of test 5

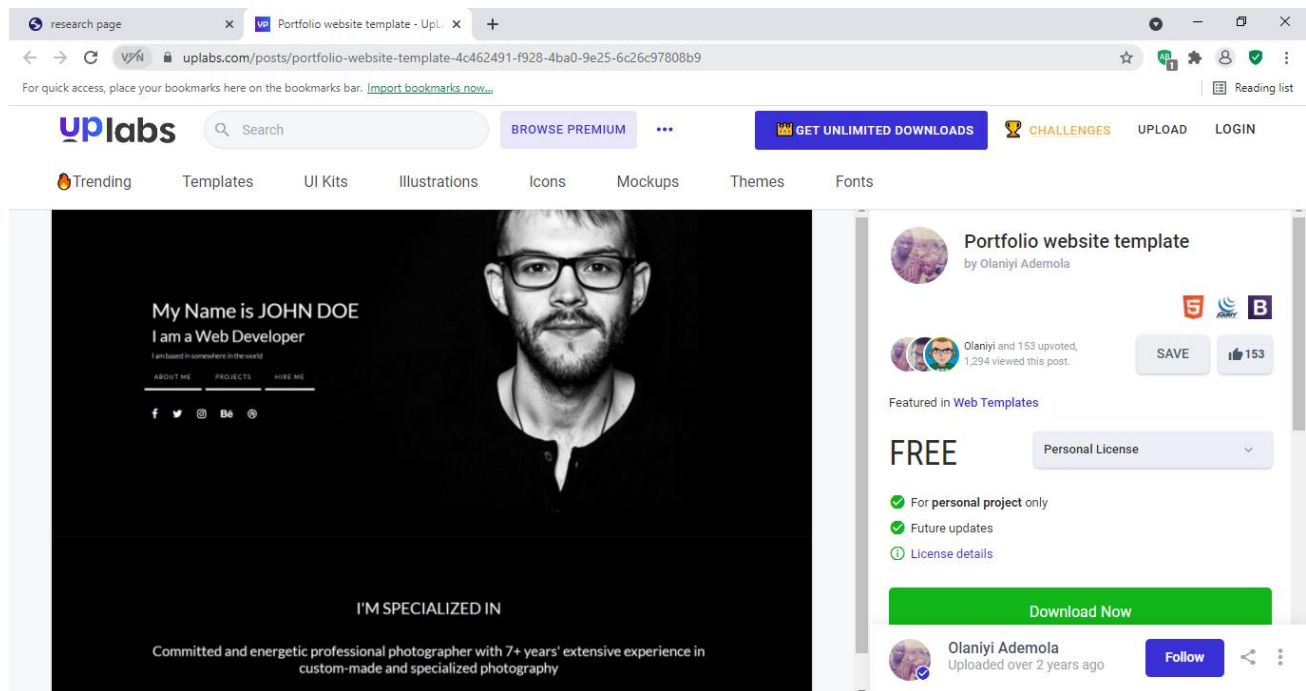


Figure 28 output of test 5

Conclusion

This is the third coursework of information system module. As we know, The coursework is about designing and developing the website as per the need of the coursework. This coursework helps the students to work on their html, css and Javascript skills. This coursework is fun to do, students can try their creativity to design the websites. I felt really easy while developing these website, one of the reason for it is I am from the Information technology background. I have learnt all these contents in school level.

Research and finding

The coursework is done by doing the full research on the content of html, css and javascript. Some of the research has been done in the youtube for the css properties and javascript function. The hover effect, clock and the popup message are some of

the findings of mine while doing the research. Also, there is been a separate research section in the website which includes the research on another website and implement it on your own.

Overall, the whole concept of the coursework is excellence so, we as a student can learn new things while doing this coursework.

Bibliography

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Available at: <https://www.educba.com/what-is-visual-studio-code/> [Accessed 28 May 2021].