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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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1)introduction

This report is part of coursework 3 of module “information system”. This report is based upon designing an individual portfolio website using HTML, CSS and javascript. Five pages can be toggled using the navigation bar on this website. There is a home page, a blog page where a blog about the impact of technology in our daily life is written. There is a CV page where the CV of the student is displayed, a research page where websites are referenced that were used for ideas and research for this project, and a contact page where javascript is used.

The objective of this project is to make a personal website that has five pages minimum and has the inclusion of CV, Blog and research page mandatory. All three kinds of CSS(internal, external and inline) and both internal and external javascript must be used. Research must be done and reference must be shown on the research page of the website. This coursework also aims to expand the knowledge on HTML, CSS, Javascript, and improve creativity, skills along with a better understanding of the processes of creation of web pages and sites. A lot of research was done to complete this coursework.

Html stands for hypertext markup language and it is a basic language for writing or making any websites. Visual studio code was used as the platform to write HTML, CSS and javascript while making this website. This Website was created using HTML5, CSS3 and JavaScript. HTML5 was used for documentation display. This project was styled by using CSS3 (font colour, background image, font styles,...) and for a dynamic experience like contact validation, read more, read less button, JavaScript was used.

During this project, knowledge about the development of the process of any website will be widened. Because of lockdown, it is hard to contact the respective module leader for consultation, so the quantity and the quality of research should be enhanced. This project will have five pages and have a navigation bar at the top. External javascript will be used on the “contact” page for the form for message alert and internal javascript will be used on the Readmore button on the “blog” page. Various CSS will also be needed

to be used to make this project more attractive. Time is limited and there will be tons of problems that cannot be easily consulted to the teachers, so more than average hard work is required.

2)discussion and analysis

The coursework has assigned us to develop a website containing five web pages which include a CV, Blog, and research page minimum. This coursework includes multiple things like designing a website containing five pages and a report for this project. Visual studio code was used to write the HTML codes and for debugging, and Balsamiq was used to create wireframes for the site. A lot of research was done to gather information and required knowledge. For this coursework, a lot of research was done. It was hard to get in touch with the module leader due to pandemic and lockdown, so instead all alternative sources were used to carry out this project. Group discussion sessions and seniors helped a lot. various material like ms word, visual studio code and Balsamiq were used which are described below :

1).ms word



Word is an application used to “process”— format, manipulate, save, print, share — a text-based document. Microsoft Word is arguably the most popular word processor on the planet. That’s because it’s part of Microsoft’s Office Suite, which is installed in 1 billion devices in the world (according to groovyPost) (Rodrigo, 2020). It offers features like documentation, editing, formatting text, diagrams and tables, auto-correct, indentation and much more.

2).visual studio code



Visual Studio Code is free software, the source-code editor made by Microsoft for Windows, Linux and macOS. It offers support for debugging, syntax highlighting, intelligent code completion,

3).balsamiq Wireframe



Balsamiq wireframes (Formerly called Balsamiq Mockups) is a small graphical tool to sketch out user interfaces, for websites and web/desktop/mobile applications. It is used to create digital sketches and wireframes for a website or product before any code is written. It is the most widely used mockup application. It contains five major areas: toolbar, UI library, canvas, navigation panel and properties panel. (Balsamiq, 2019)

3)wireframes

A wireframe is a layout or blueprint of a web page that is prepared before making a website. It is one of the main parts while designing a website. They have black and white layouts that show the basic design of the website on a structural level. It is simple, clear and allows everyone to review and understand easily. The main aim of the wireframe is to establish information about the webpage and create a basic design. wireframes and the website that I had designed are shown below:

Wireframe for the home page:

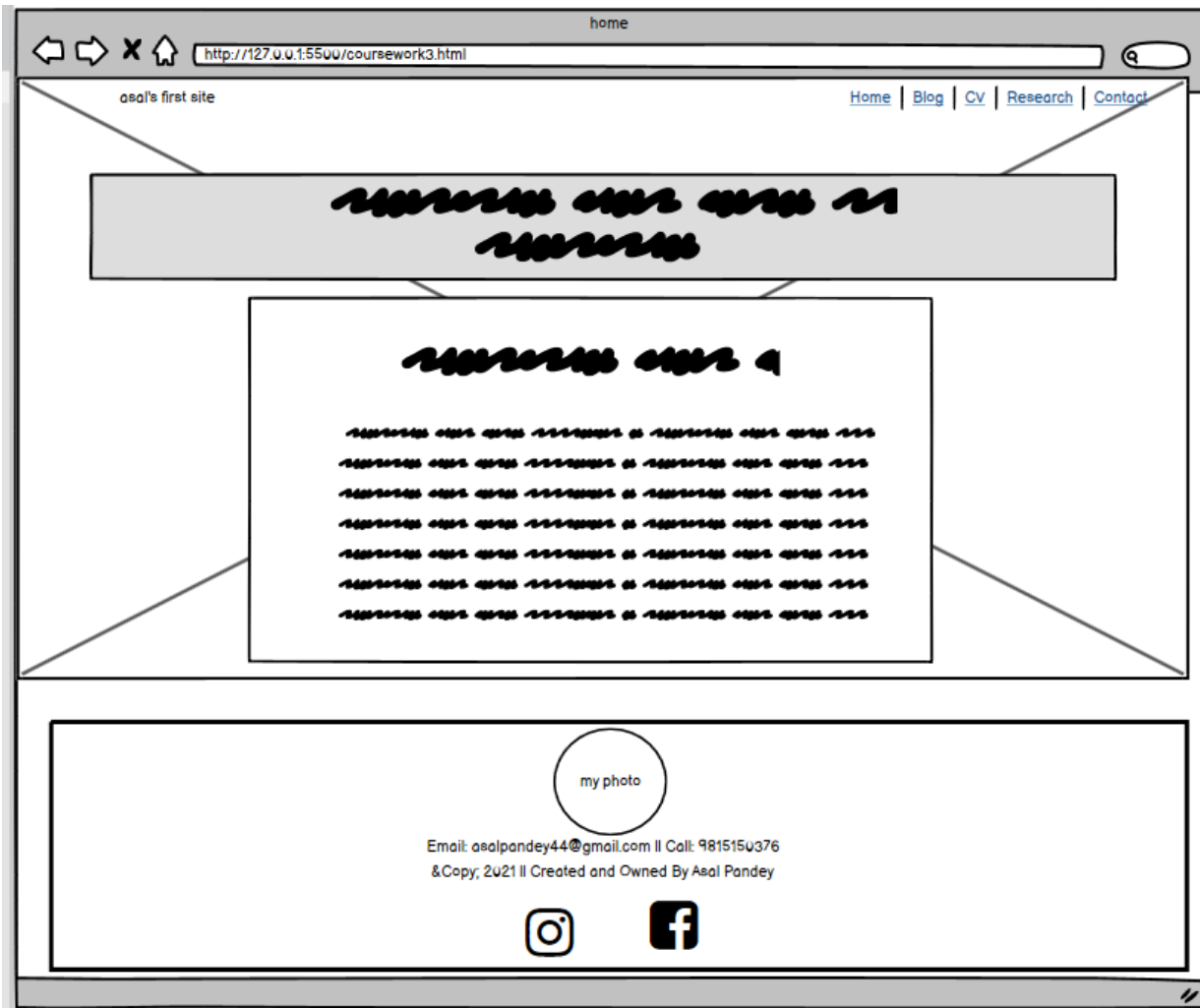


Figure 1: wireframe for homepage

The home page has an icon on the left side and a navigation bar on the right side. It has a background image on the background. Two containers are there in the centre which contains the text. there is a footer where an Instagram icon, Facebook icon and a photo in round style is present. Accordingly, the webpage was made.

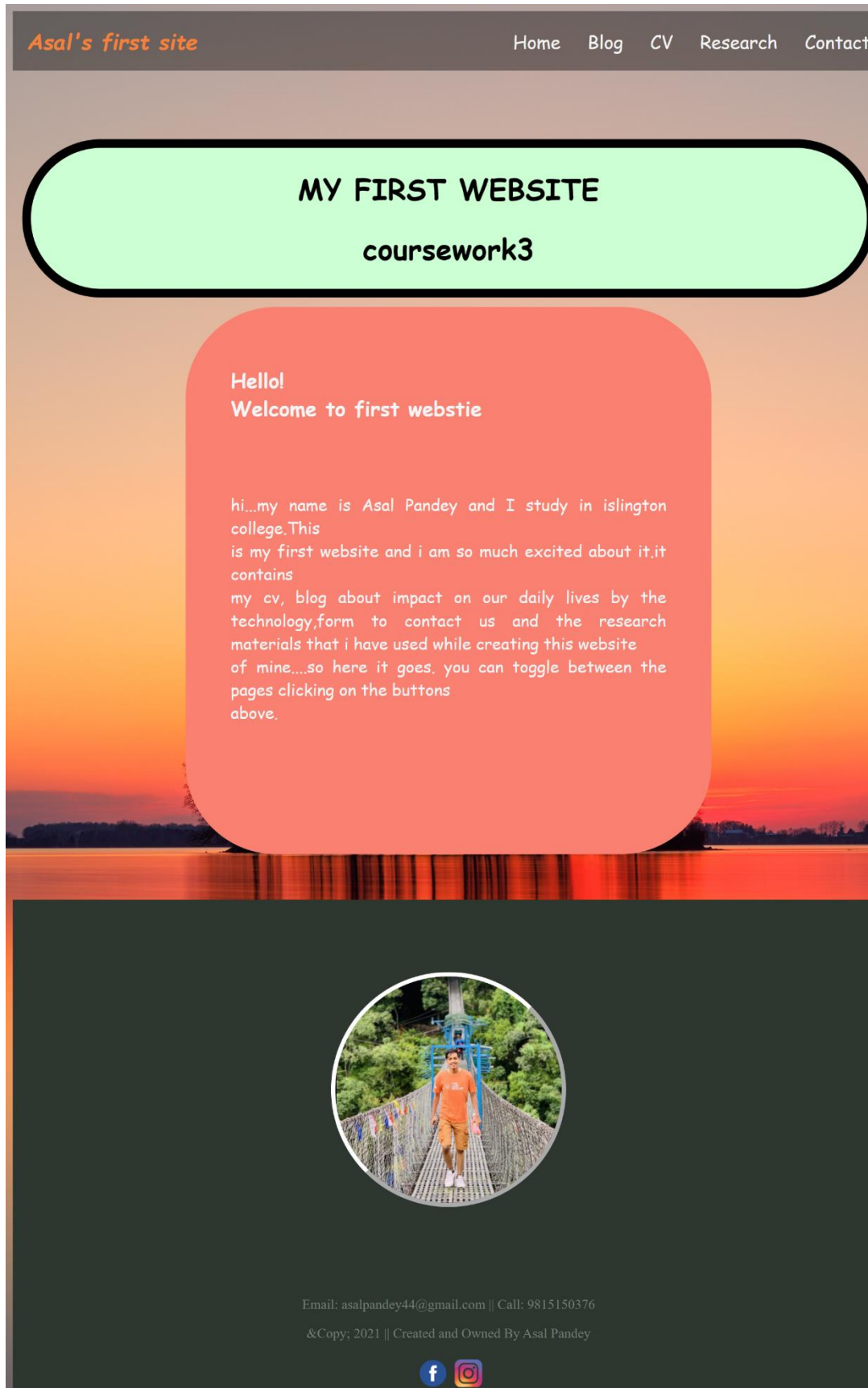


Figure 2:home page

Wireframe for blog webpage:

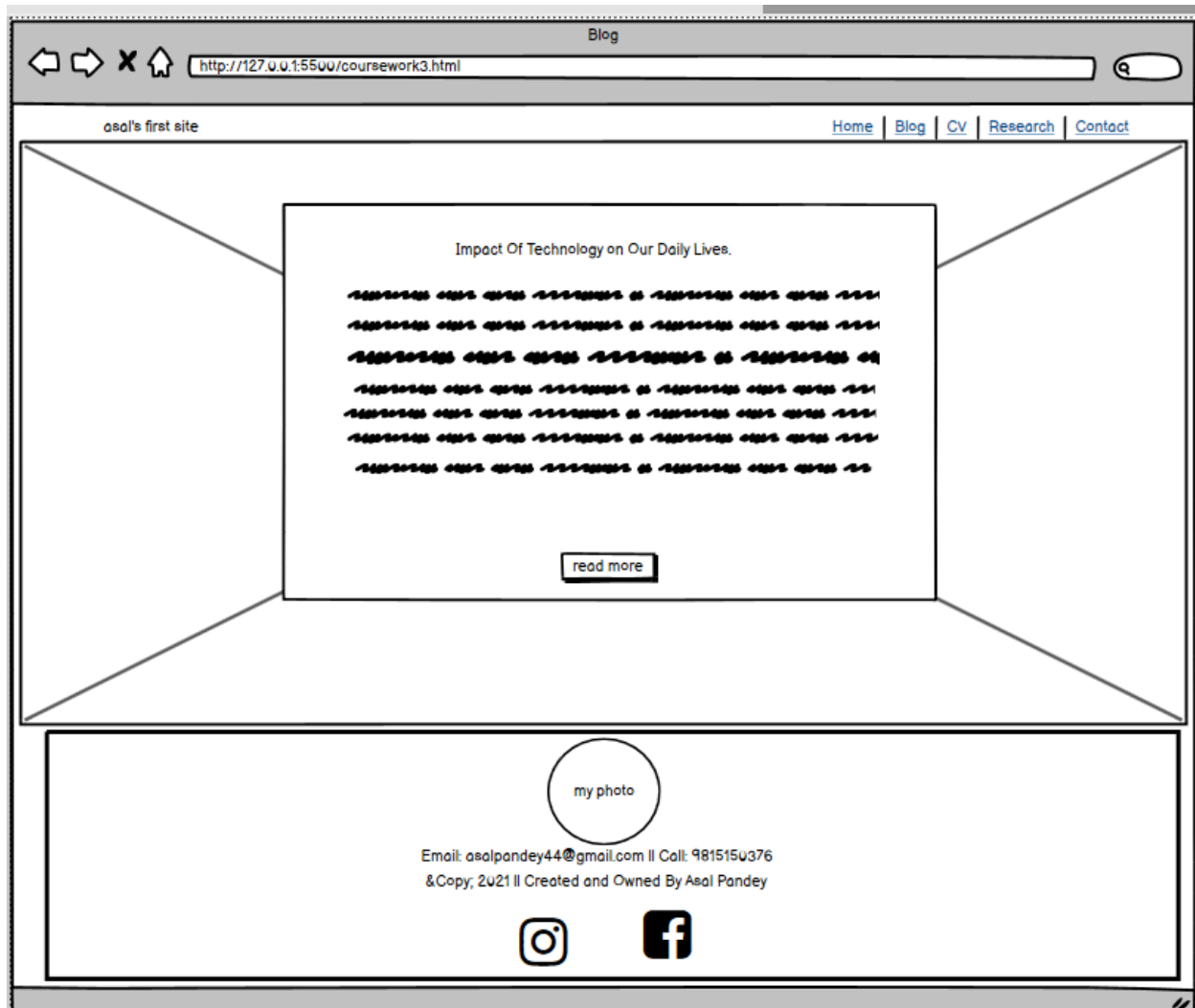


Figure 3:wireframe for blog

The blog page has an icon on the left side and a navigation bar on the right side. It has a background image on the background. There is a box in the centre that contains text

and a button named “read more”. There is a footer where an Instagram icon, Facebook icon and a photo in round style is present. Accordingly, the webpage was made.

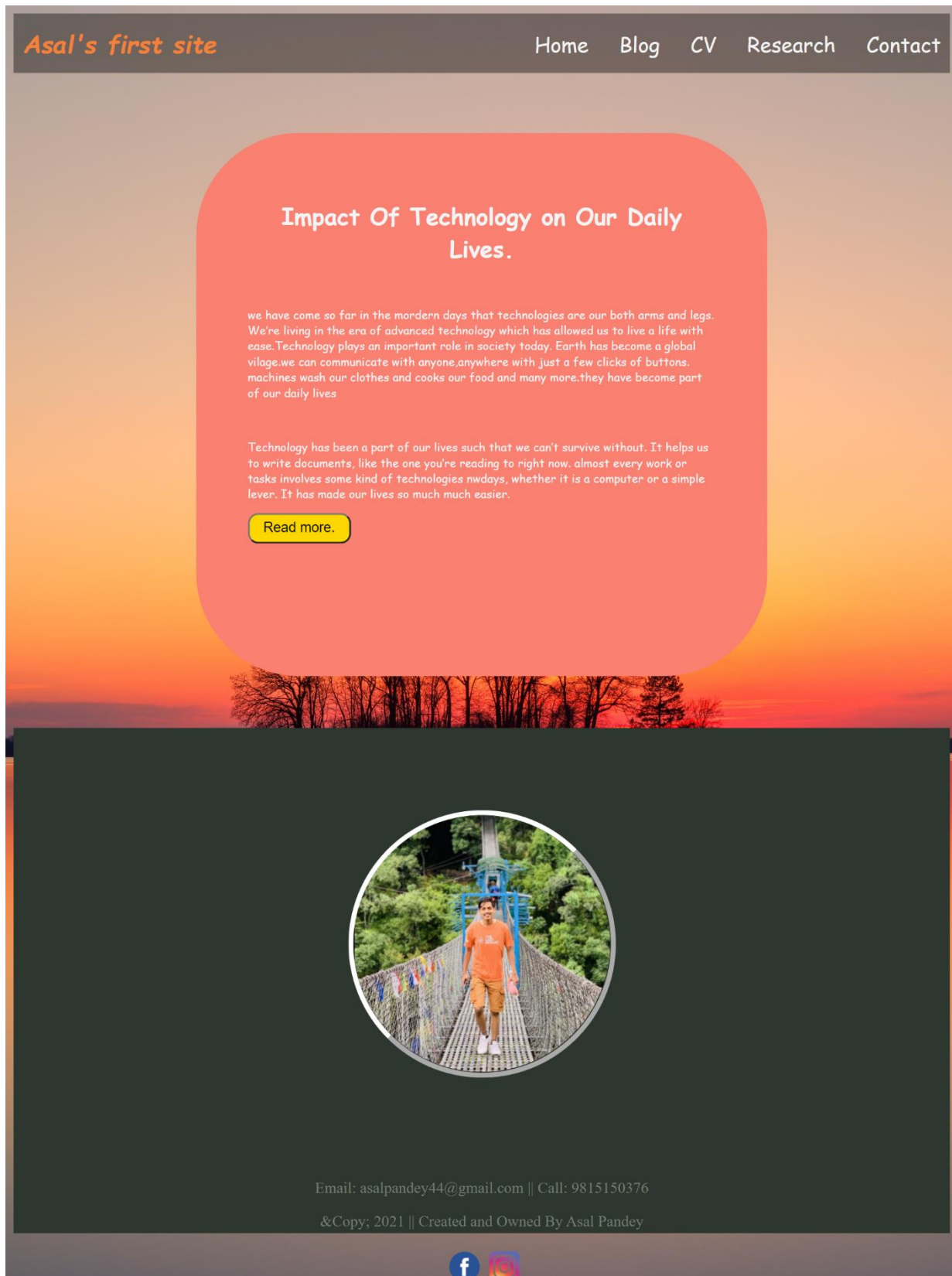


Figure 4:blog page

Wireframe for CV webpage:

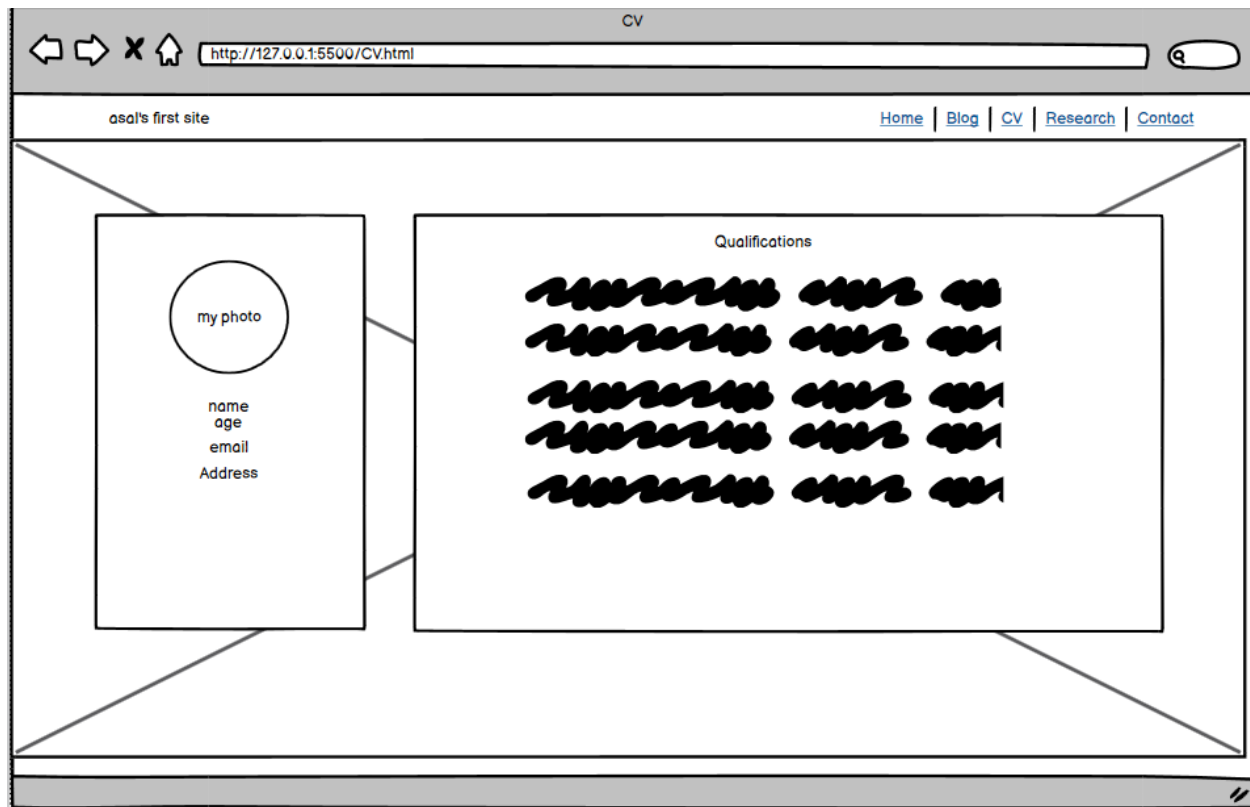


Figure 5:wireframe for CV

The blog page has the same header as the home page. There is a background image and at the front of it, there are two sections. The left section contains a photo and introduction about me and on the right section, it contains details and qualifications.

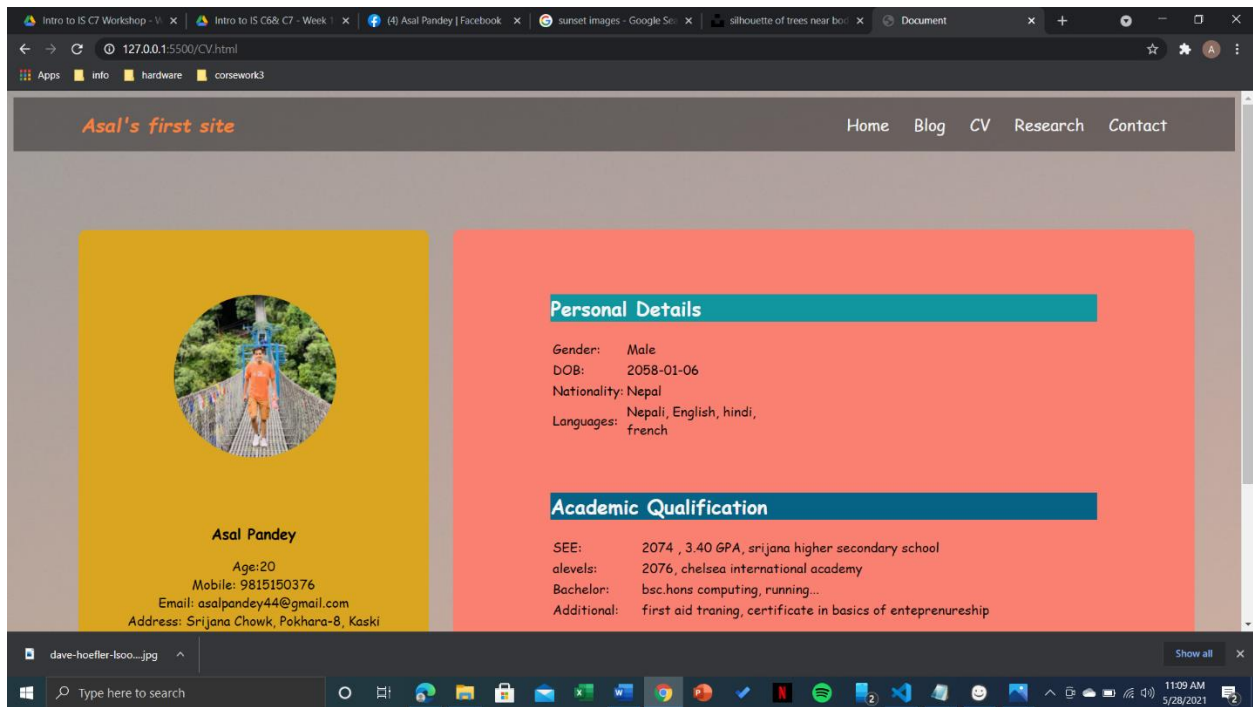


Figure 6:cv page 1

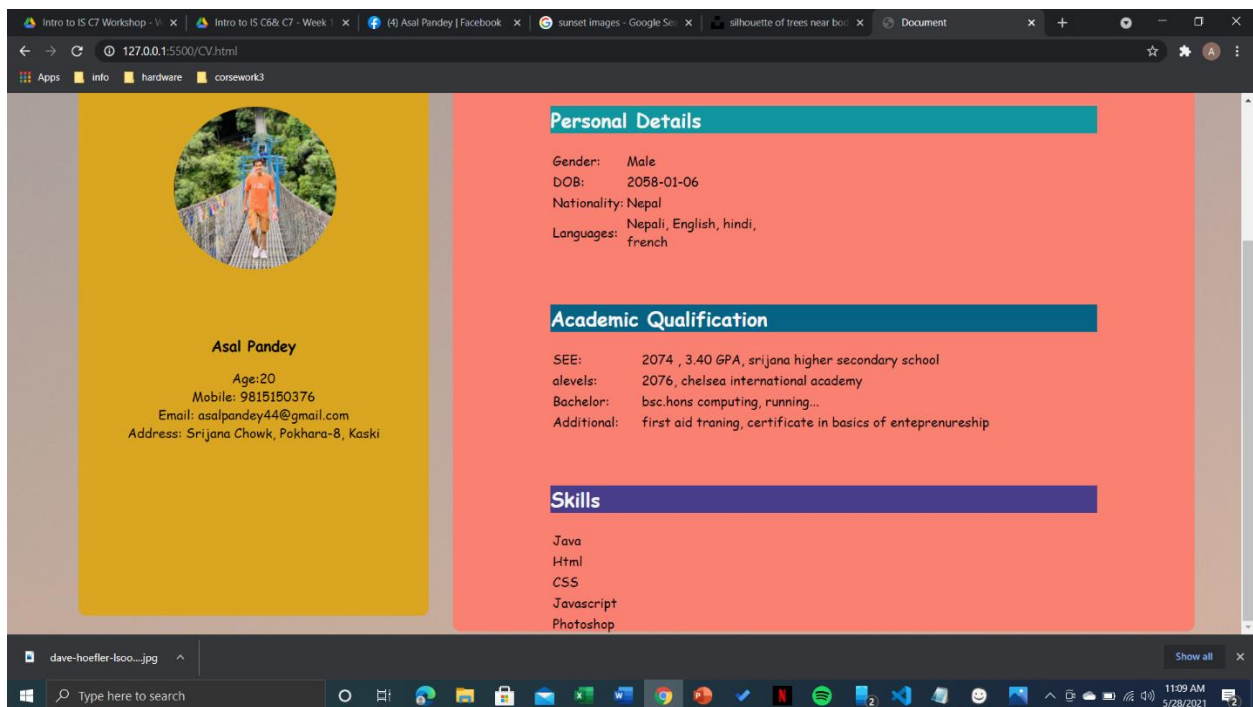


Figure 7:cv page 2

Wireframe for Research webpage:

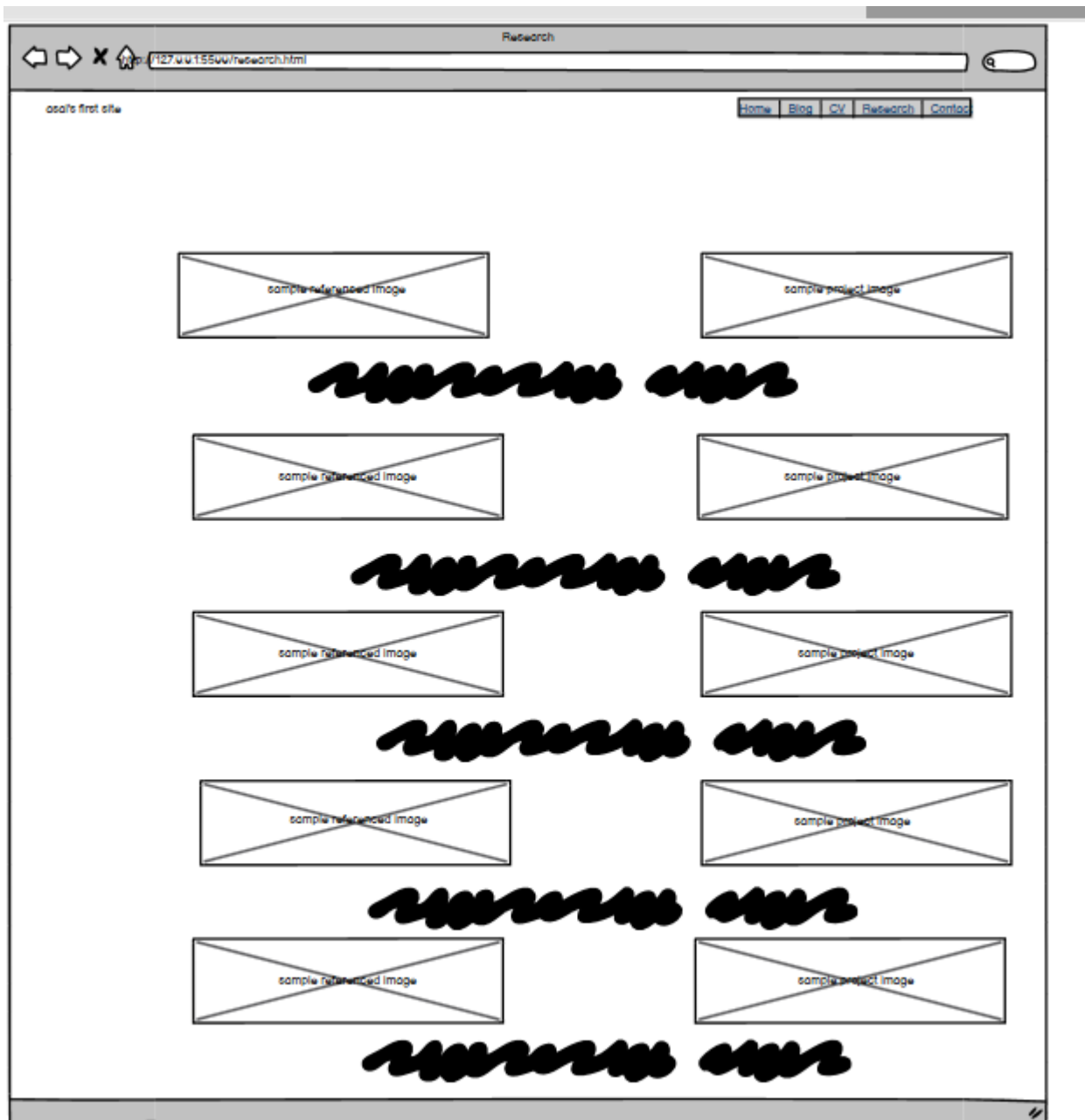


Figure 8: wireframe for research

The research page has the same header as the home page. There is a comparison of the referenced page and my page along with a short description which is given below the images.

Asal's first site Home Blog CV Research Contact

Research

Steve Wolf Designs is a graphic design and branding studio. We help build meaningful brands through design.

MY FIRST WEBSITE course

[Visit the page](#)

On the leftside, it is a sample from where I took the reference to create my home page which is on the right side. I added background and boxes and written some text there. I added a footer where my photo was displayed in round along with copyright licence message

Contact us

CONTACT US

[Visit the page](#)

On the leftside, it is a sample from where I took the reference to create my contact page. background image was added ,contact box was given salamon color and I also added a feild gender.

Personal Details

Academic Qualification

ABOUT ME

[Visit the page](#)

On the leftside, it is a sample from where I took the reference to create my CV page. It is divided into two sections and i tried to recreate it .On the left section, picture and introduction were added whereas on the right side section, qualifications and details where added. I gave background colors to the boxes where details are kept

White Sox Celebrate Asian American and Pacific Islander Heritage Month

Impacts of Technology in our Daily Lives

[Visit the page](#)

On the leftside, is a sample from where I took the reference .My blog was about "Impacts of Technology in our daily lives". I used different font-family and decoration to create it and I added background container and gave it salamon color. Also "read more" and "read less" buttons where added. I added a footer too where my photo was displayed in a round manner along with copyright licence message .

How To Create Rounded Images

[Visit the page](#)

On the left side there is a website from where I took reference to create rounded image for my footer and my cv page. W3schools was very helpful while designing the website.

Figure 9:research page

Figure 10:research page

Wireframe for contact webpage

Wireframe for a contact webpage. The browser window shows the URL `http://127.0.0.1:5500/coursework3.html`. The page has a header with "asal's first site" and navigation links: [Home](#), [Blog](#), [CV](#), [Research](#), [Contact](#). The main content area features a central "Contact us" form with fields for Name, Phone.no, Email, and Gender (radio buttons for Male, Female, Other), and a "Write a Message" text area. The footer contains a circular placeholder for "my photo", contact information (Email: asalpandey44@gmail.com, Call: 9815150376), copyright notice (&Copy; 2021 || Created and Owned By Asal Pandey), and social media icons for Instagram and Facebook.

Figure 11:wireframe for Contact

The contact page has the same header and footer as the home page. There is a background image in the centre. there is a salmon-coloured box that contains a form of 4 fields as text and 1 as a button. If there is an empty field in the form, it will throw a message. else thank you message is shown.

Asal's first site[Home](#)[Blog](#)[CV](#)[Research](#)[Contact](#)

Contact us


Name:

Phone.no



Email:

Gender:
Male ☐ Female ☐ Other ☐

Write a Message:



Email: asalpandey44@gmail.com || Call: 9815150376
&Copy; 2021 || Created and Owned By Asal Pandey



4)testing

To find out whether the website is functioning properly as expected or not, some of the features and attributes of the sites are tested. The tests that are carried out are as follows:

Test 1

Testing the navigation button.

Objective	<ul style="list-style-type: none">• To test navigation hover• Check to toggle between pages
Action	<ul style="list-style-type: none">• Put the cursor over the navigation buttons• Select CV page
Expected result	<ul style="list-style-type: none">• Element is selected• CV page is opened
Actual results	<ul style="list-style-type: none">• Element is selected• CV page is opened
test	Success

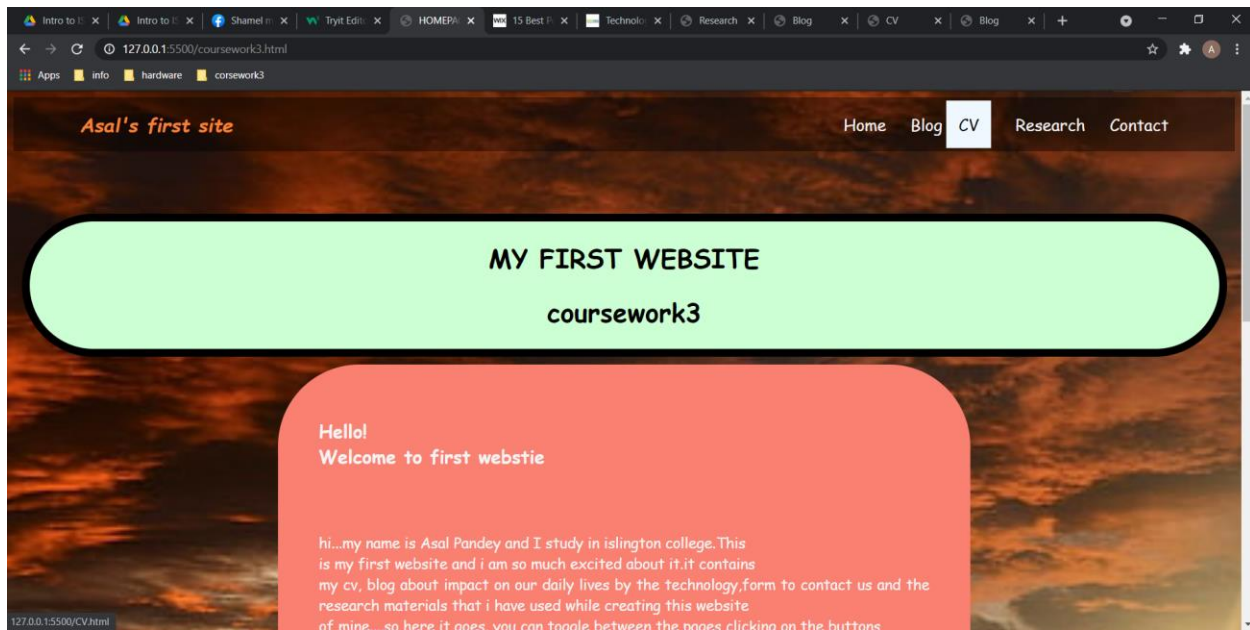


Figure 12: Testing hover

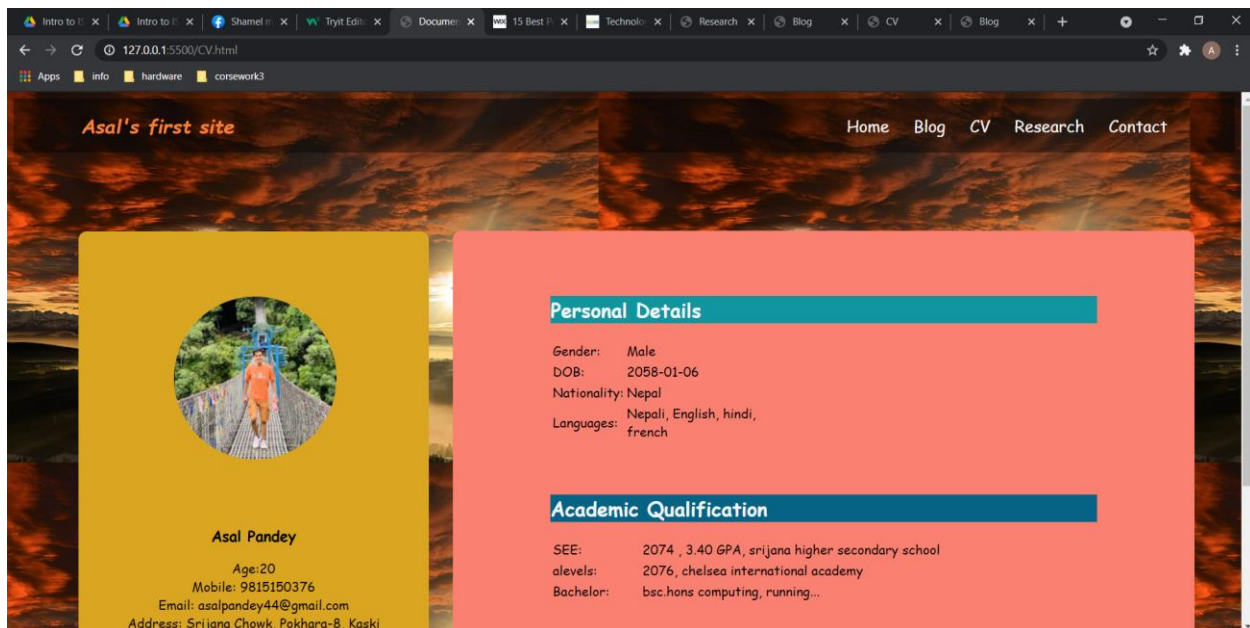


Figure 13 Testing by clicking the CV button in the navigation bar

Test 2

Testing the icon of Instagram on the footer Home Page.

Objective	To test if Instagram opens when clicked.
Action	Clicking on the Instagram icon
Expected result	My Instagram profile will be opened
Actual results	Instagram profile opened
Test	Success

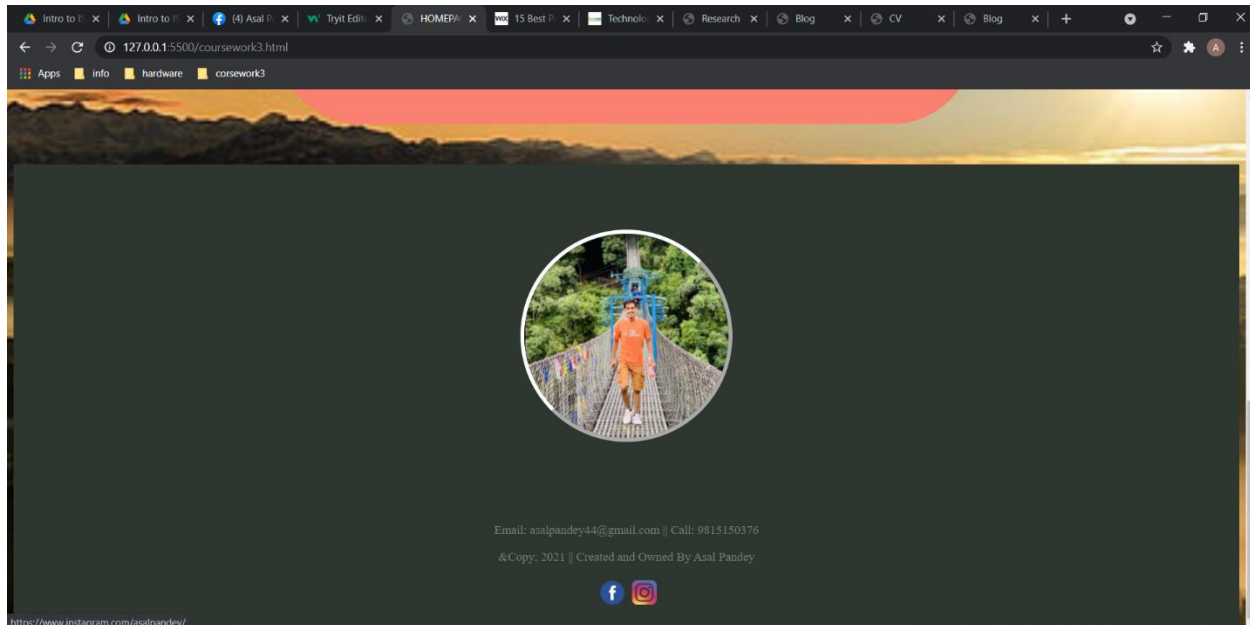


Figure 14: testing Instagram icon

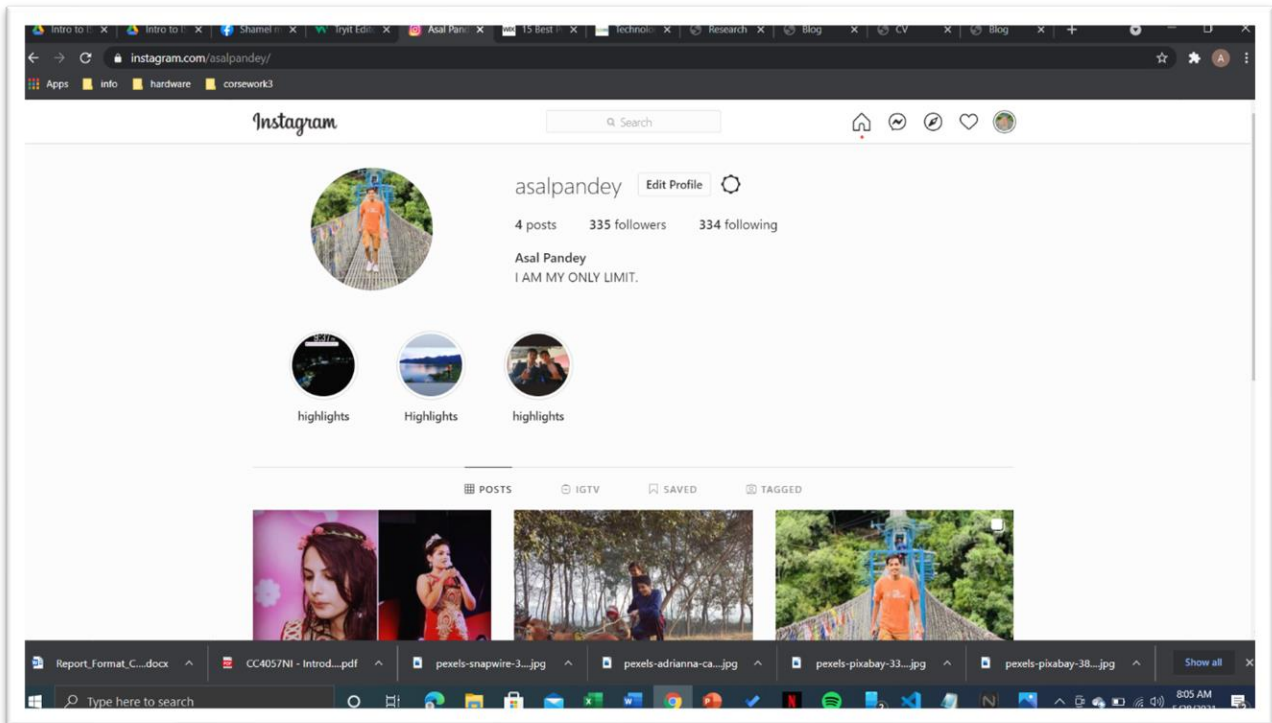


Figure 15:result of clicking the Instagram icon

Test 3

Testing the read more button on the Blog Page.

Objective	To test the Read more button on the Blog Page.
Action	Click the Readmore button on the blog page
Expected result	shows all content.
Actual results	All content was displayed
Test	Success

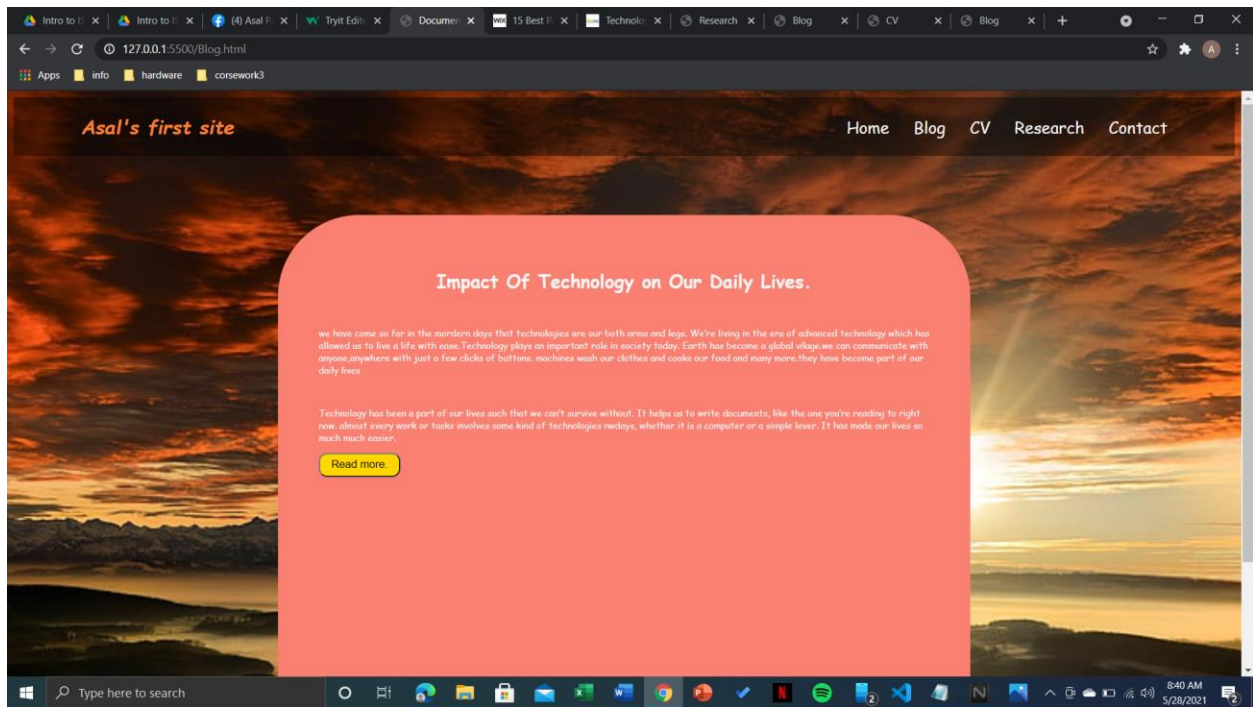


Figure 16: after pressing read less button

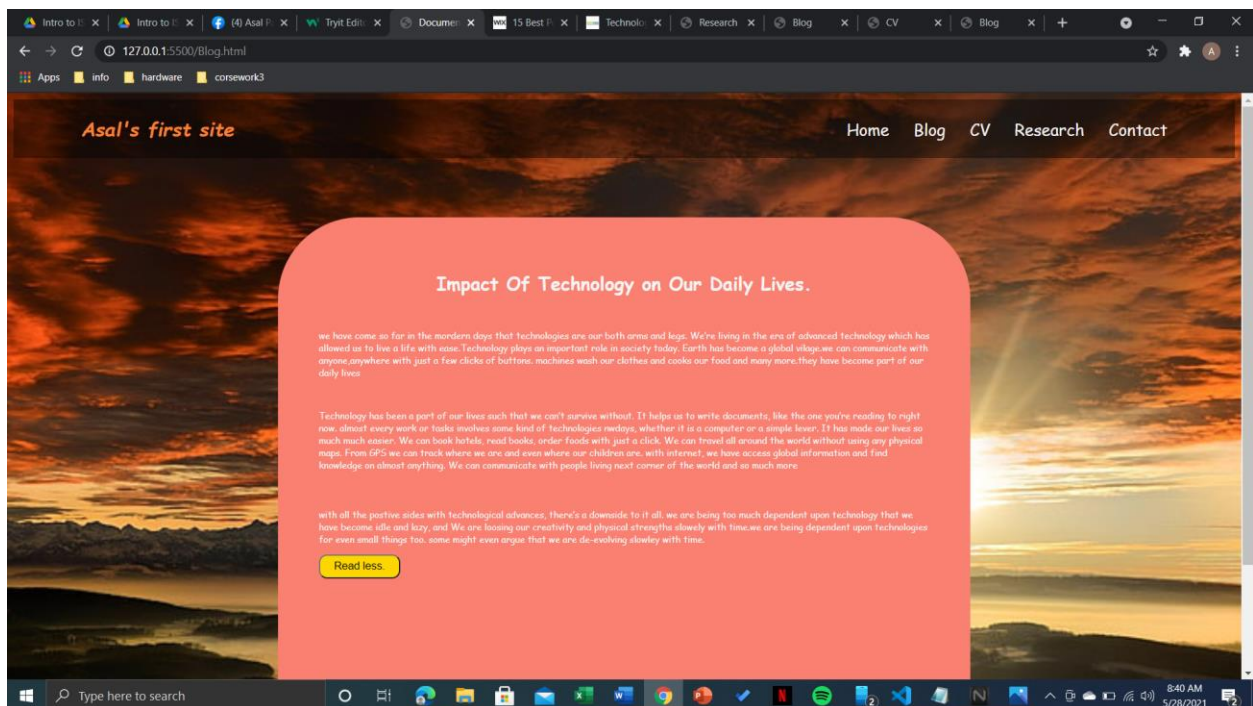


Figure 17:after pressing the read more button

Test 4

Testing contact us form in the contact page

Objective	<ul style="list-style-type: none">• To observe the message displayed when any field is left empty• To observe the message displayed when the form is filled and pressed submitted
Action	<ul style="list-style-type: none">• Filling all fields in the contact form and pressing submit button.• Pressing submit button without filling all the fields
The expected result	<ul style="list-style-type: none">• message "Thank you for messaging" is displayed when all fields are filled.• message "Empty fields found. Please fill the form." is displayed when the form is left empty.
Actual results	<ul style="list-style-type: none">• the message "Thank you for messaging" was displayed when all fields are filled.• message "Empty fields found. Please fill the form." was displayed when the form is left empty.
test	Success

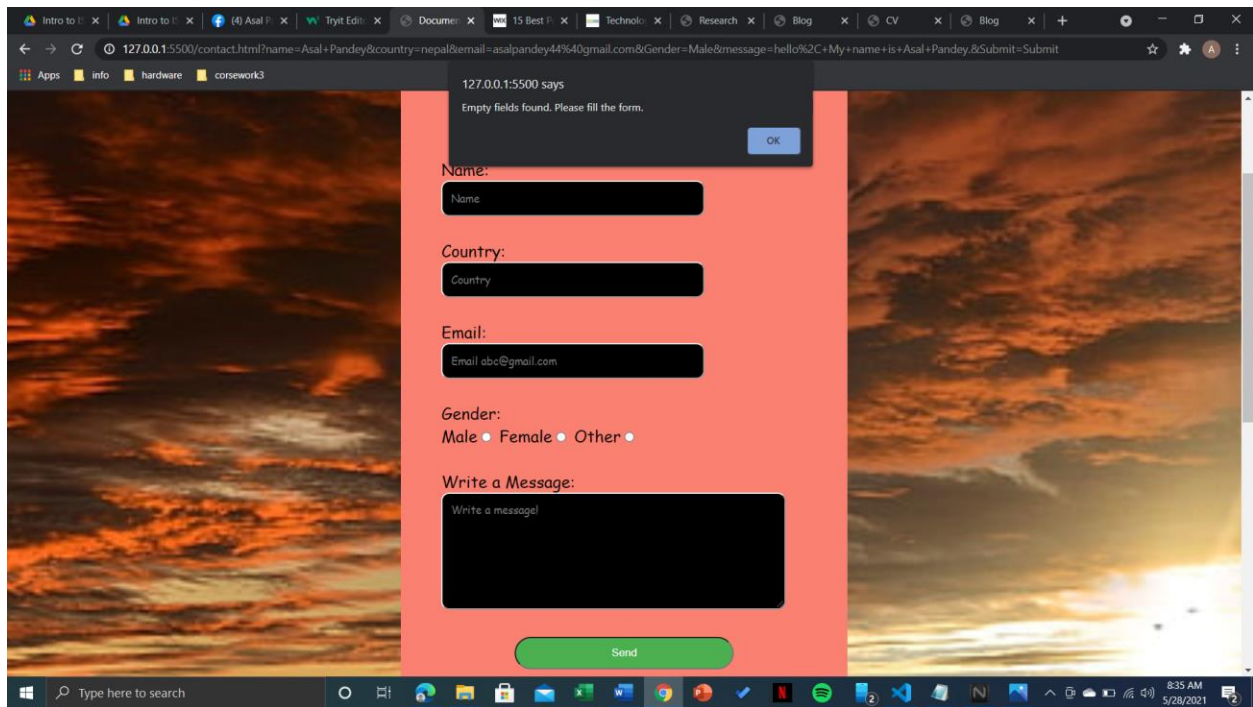


Figure 18: Message displayed when fields left empty

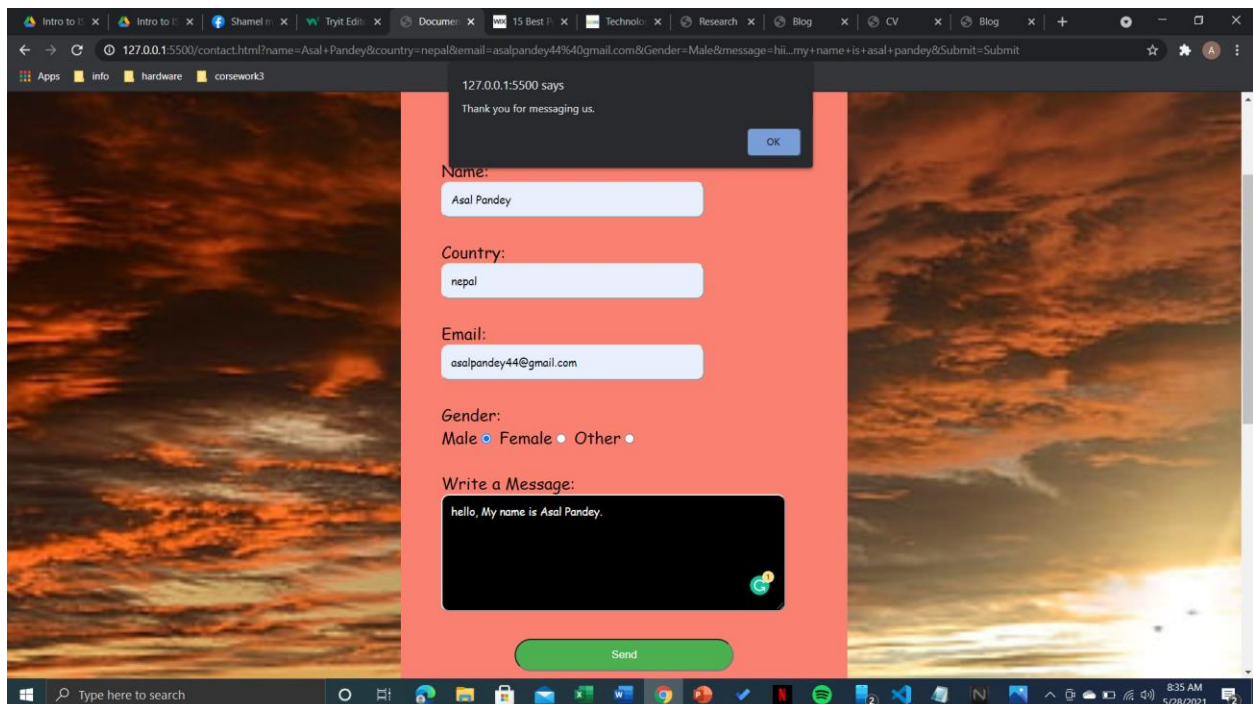


Figure 19: message displayed when the form is filled and submitted.

Test 5

Testing hover of submit button in contact us form

Objective	<ul style="list-style-type: none"> To test the form button hover
Action	<ul style="list-style-type: none"> Put the cursor over the submit button on the contact us page
Expected result	<ul style="list-style-type: none"> Submit button is selected
Actual results	<ul style="list-style-type: none"> Submit button was selected
test	Success

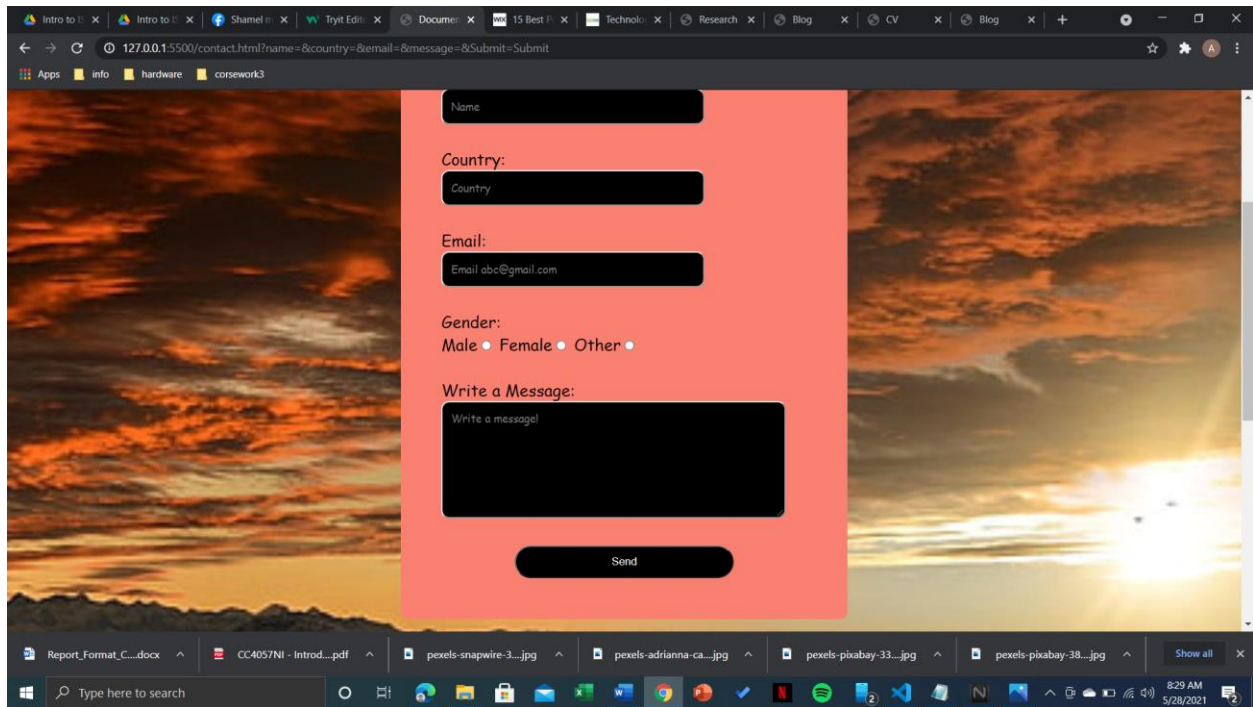


Figure 20: cursor not over submit button

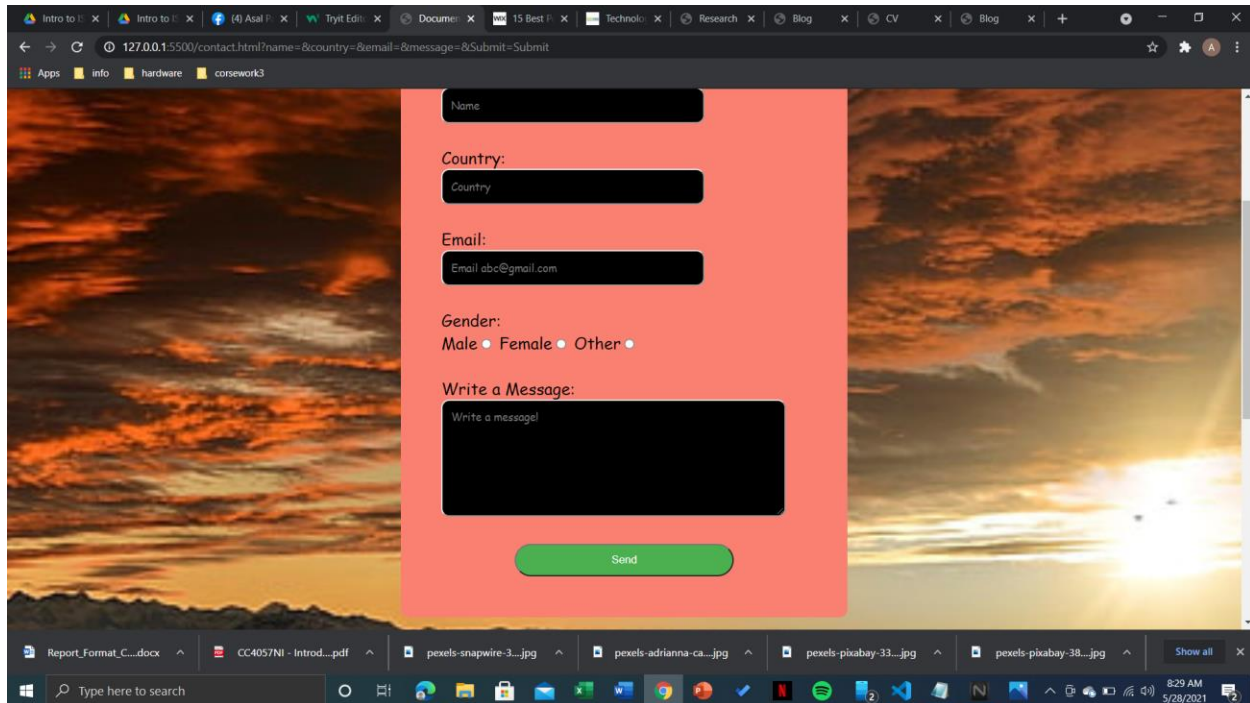


Figure 21:cursor over submit button

6)conclusion

This coursework was about the development of a personal portfolio website. A lot of efforts and researches were done using many sources like the internet, books and online tutorials. While performing this project, many problems like code errors and lack of knowledge to write proper HTML syntax etc were faced. Going through lecture slides discussion with seniors, friends and module leader and various online resources and websites like “ww3schools.com” helped a lot to complete the task on time. While performing this task, many new things were learned and much new knowledge was gathered.

The research was initiated and many websites were taken as references and to collect basic idea for this project. Html codes were written on the platform called visual studio code. The bugs and error faced, were consulted to the module leader and solved. Ideas

about the process development of a new website were made more clear and ideas about CSS and javascript were widened.

The concept of wireframe was new and while researching, the importance of wireframe while building a website was discovered. The process of making a wireframe using Balsamiq software was learned.

There were difficulties managing time for this coursework because and it was hard to tackle the problems easily because of the lockdown and closing of the college. This coursework helped to enhance creativity and knowledge of website designing. All the difficulties and problems were solved from the research and discussions with module leaders, friends and seniors. Most importantly, this project turned out to be much more productive and helped develop our skills as well as expanded our knowledge.

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