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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 mark of zero will be awarded.

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Introduction

A website or web site is a collection of related network web resources, such as web pages, multimedia content, which are typically identified with a common domain name, and published on at least one web server. Developers designs websites using three different web technologies i.e. HTML, CSS and JavaScript. In which, HTML works to gives basic structure to the webpage, CSS works in orders to enhances the basic structure by giving it proper styling, formatting in the webpages. And JavaScript works in orders to controls the behavior of different elements, adds programming logic to web pages.

In this particular coursework, we have to develop a website consisting of five different section or webpage. We are asked to make a portfolio website with at least five web pages including CV and blogs explaining how technology has affected us in their daily lives. Portfolio Website is an essential tool to getting more how technology has affected them in their daily lives. Now In this world full of technology Portfolio website plays vital role to search any things and the important to do business or starting a company.

With the same impartial, I have made Portfolio website about the blogs explaining how technology has affected them in their daily lives. This Portfolio website consists of five diffesrent webpages that connects with each other. The section of this website are HOME, CV, BLOG, RESEARCH and CONTACT ME. I have followed the same pattern. Followed by navigation bar Header section consists of a related background image. Body part contains the content which is main in all and footer section contains with the social media links. With the help of navigation bar each webpages links with each other.

HOME:

This section contains an image and description of the blogs that how technology has affected them in daily lives. In the footer section it contains the social media links where it can directly link to the social media pages where it describes about the technology affected them in daily lives.

CV:

CV stands for curriculum Vitea. In this section it contains about my personal information in it. It consists of educational status and name, contact no, email etc. in it.

BLOG:

This section contains information about technology that has affected in daily life of people with the images and their description. And it also consists of read more button that navigates users to related page from where there affected can be shown.

RESEARCH

In this section it contains many more screenshots and those screenshots are all about the reference I took to completed my website and also there are the screenshots of my own website. And also, they are all for the comparison of my website and the reference website.

Contact Me:

In this section it contains the place where my website office is located. It also contains the phone number and the Gmail by which it gets easier to contact with me. And it also gets the form which make visitors to get in touch with me and send a feedback.

In this website, I have mainly used three different web technologies. They are HTML5, CSS and JavaScript. Each of this used are explained below:

HTML 3

HTML is the standard markup language for creating Web pages. HTML stands for Hyper Text Markup Language. It describes the structure of a Web page. It consists of a series of elements. Its elements tell the browser how to display the content. Its elements are represented by tags. It tags label pieces of content such as "heading", "paragraph", "table", and so on. Browsers do not display the HTML tags, but use them to render the content of the page. I have also used HTML5 while making this website. It was very helpful in content to be included in the webpages.

CSS

CSS stands for Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

This module starts with the basics of how CSS works, including selectors and properties, writing CSS rules, applying CSS to HTML, how to specify length, color, and other units in CSS, cascade and inheritance, box model basics, and debugging CSS.

JAVASCRIPT:

JavaScript is the simple program the behavior of the web pages. And JavaScript is not only used in webpages. JavaScript is used in many desktop and server programs. The best-known JavaScript is Node.js. Some databases, like MongoDB and CouchDB, also use JavaScript as their programming language.

Discussion and Analysis

For this coursework, I had to develop a website containing at least five different section and webpages. I did research in various topic and watch many more YouTube videos which makes easy for making the website.

I made wireframes for each of the webpages i.e. HOME, CV, BLOG, RESEARCH and CONTACT ME using a tool named as Balsamiq Mockups 3. This tool is very useful to design the components of webpages. Then, I started to design the homepage of my website using Html5. I made the various elements which are necessary for adding information on webpages. Along with that I use different tags and metatags. And I did the same thing for all others section or webpages. I used CSS (Cascading Style Sheet) in order to make them colorful and attractive which is used on tags used by HTML5. I have used various images while styling the web pages. In order to make code functional, JavaScript helped me in adding various functionality to the webpages instance of carousel and checking the form validation.

I have mainly used two different tools for developing this website. They are shown below:

- **Balsamiq Mockups 3**
- **Sublime Text Editor**

These tools are explained briefly below:

Balsamiq Mockups 3

Balsamiq Mockups 3 is a tool, which is designed to create wireframes. It is used to create sketches of the website before writing code for the website. It helps to make concept about where should we locate the components of the webpages. It is found to be very helpful for creating the webpages. I used it for creating wireframes for the webpages of website in my coursework.

Sublime Text Editor

Sublime Text Editor is one of the most useful text editors that supports many programming languages. It highlights the syntax which makes interfaces look very attractive. It helps to find and replace the certain words in the program which is its one of the special features. It allows us to edit in multiple lines at once. Due to the feature of auto-completion and highlighting the code, I was able to code in an efficient manner.

Wireframes

Wireframe is an image or set of images, which displays the functional elements of a webpages or website. It helps to make concept about where should we locate the components of the webpages.

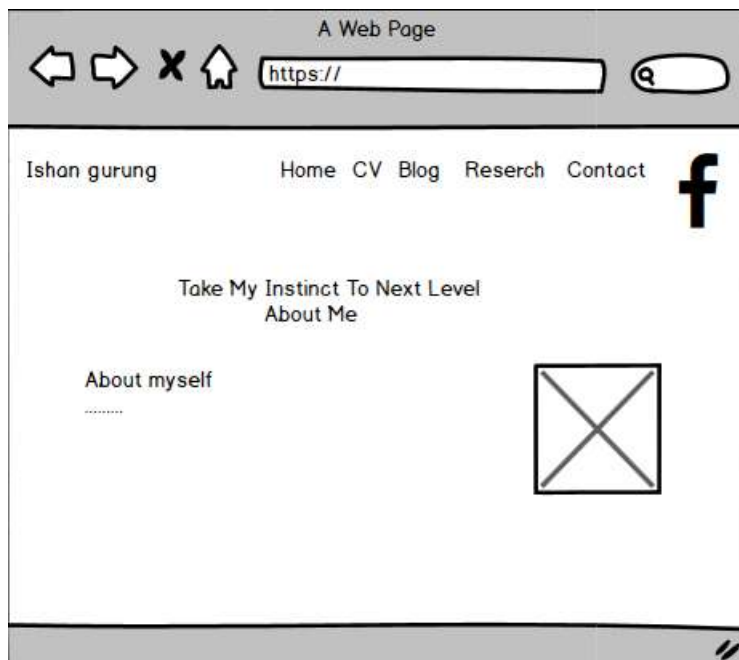


Figure 1 wireframe of home page

Home page of the website

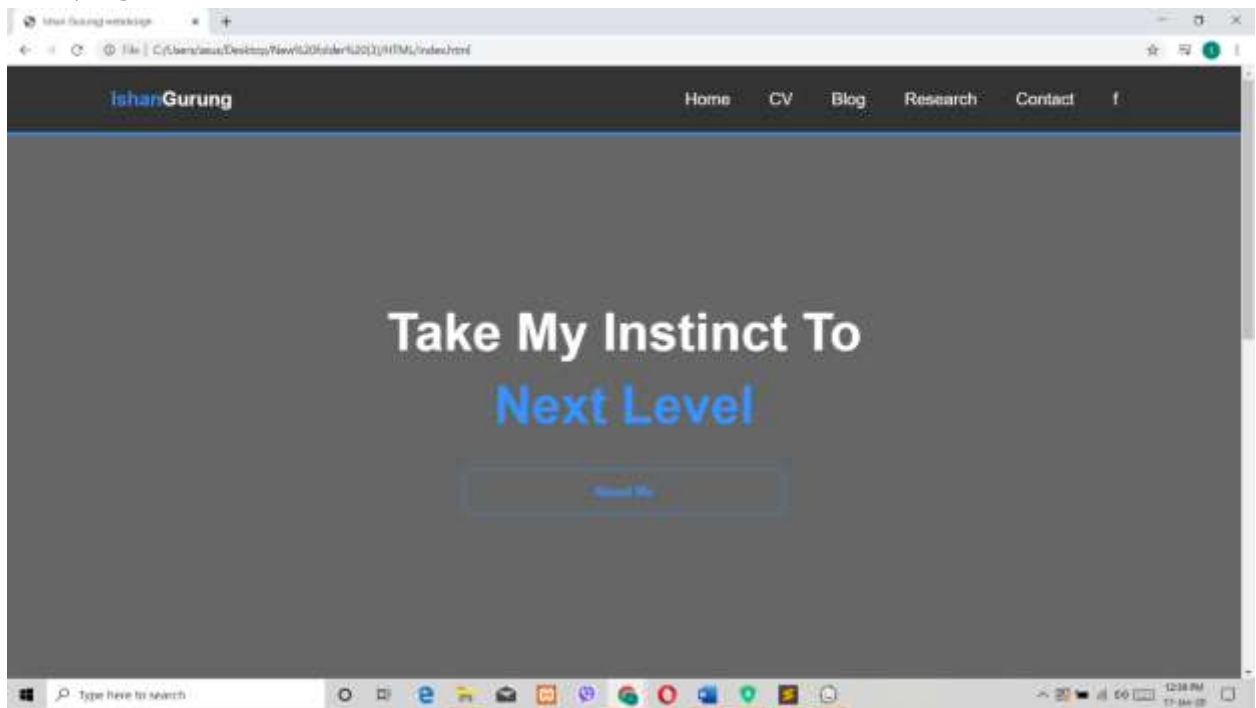


Figure 2 homepage of website

Wireframe for CV page

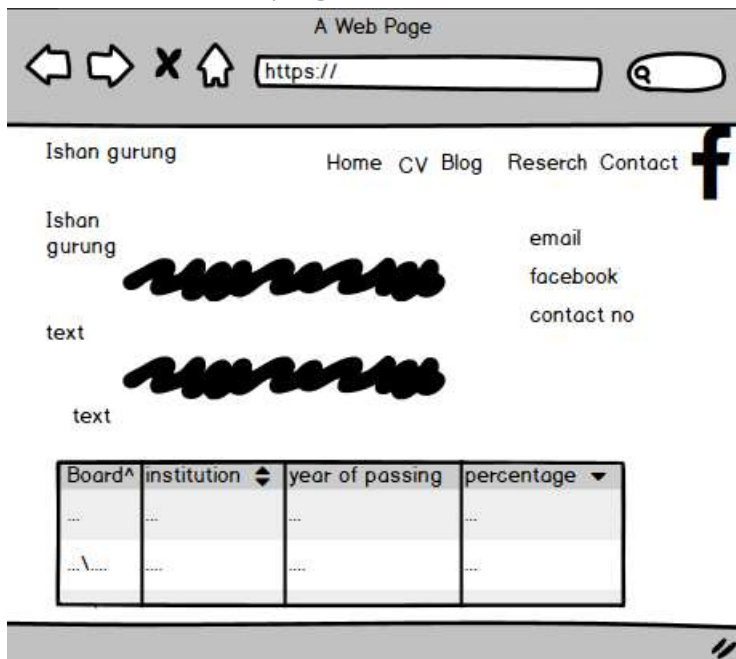


Figure 3 wireframe of CV page

CV page of the website

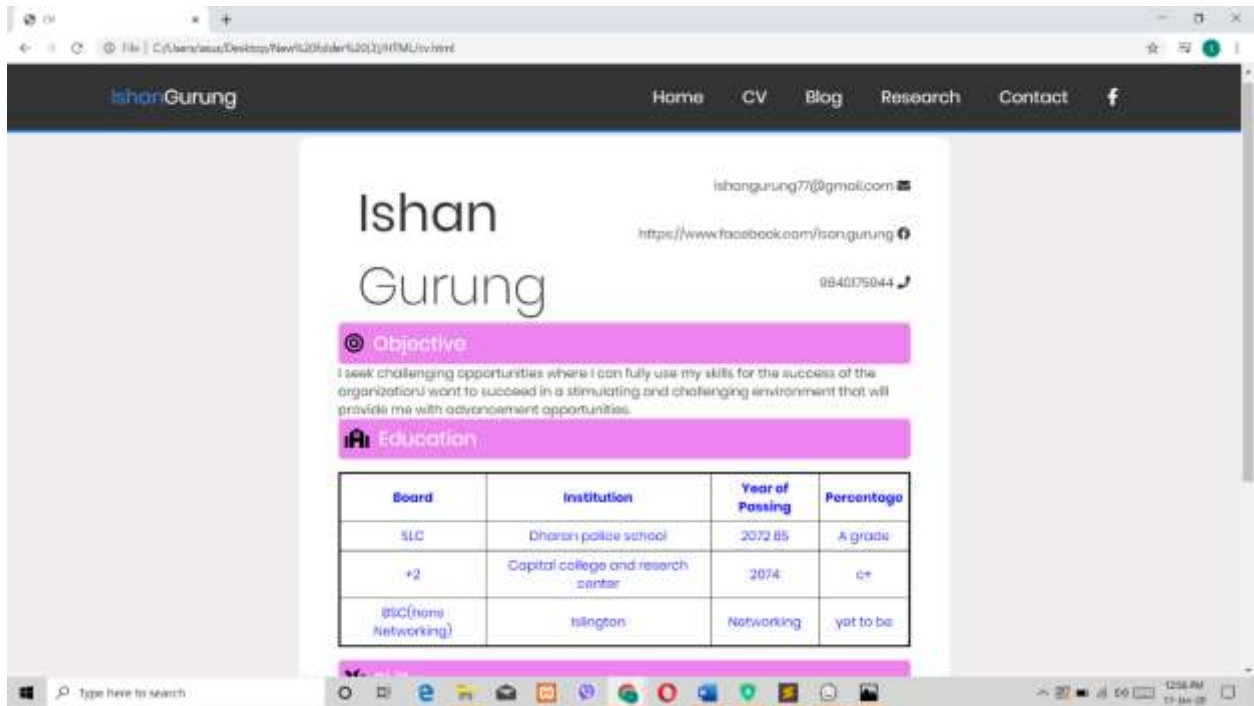


Figure 4 cv page of website

Wireframe for blogs page

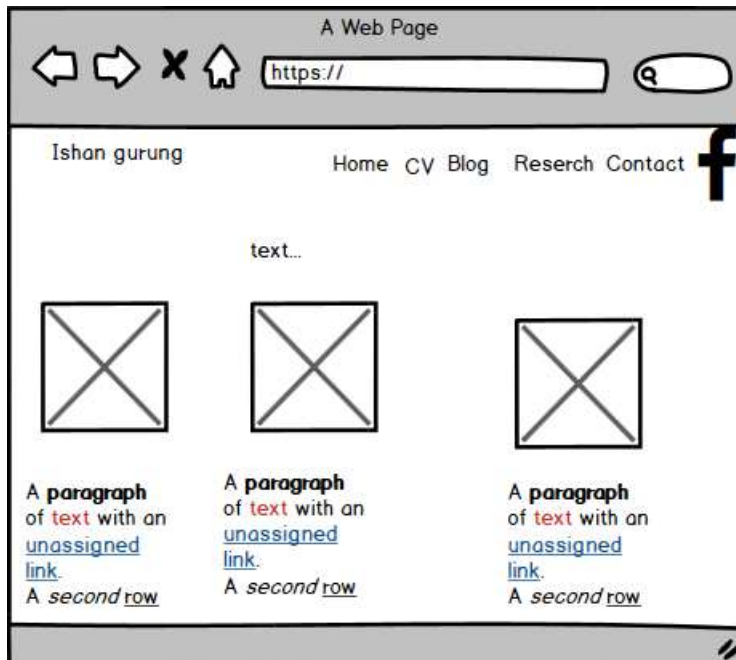


Figure 5 wireframe of blog page

CV page of the website

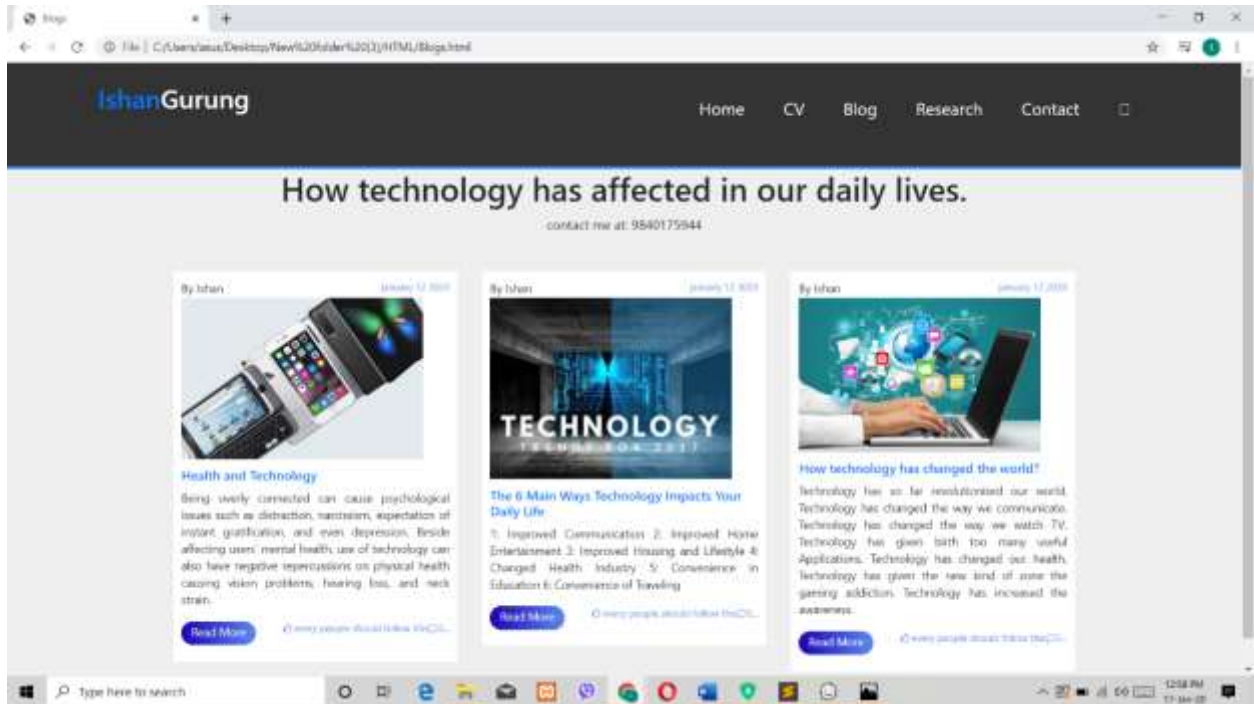


Figure 6 web page of the website

Wireframe for research page

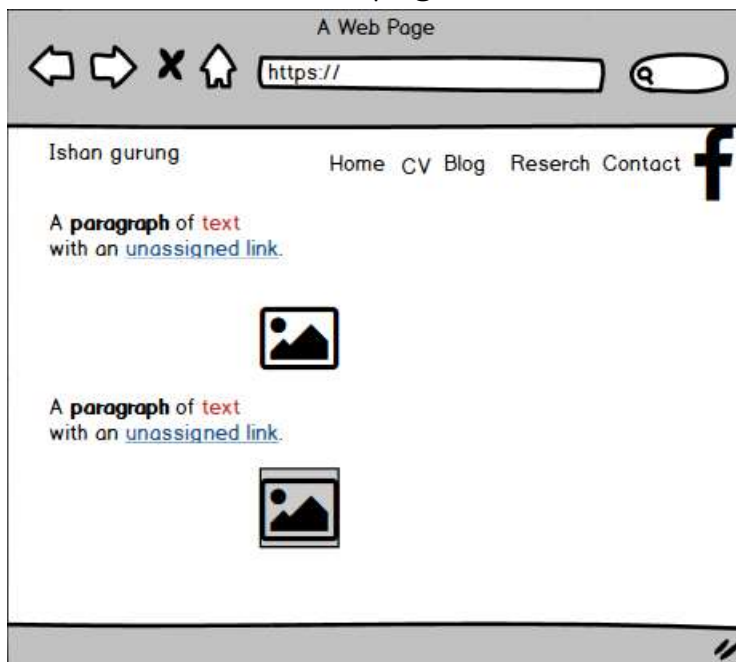


Figure 7 wireframe of research page

Research page of website

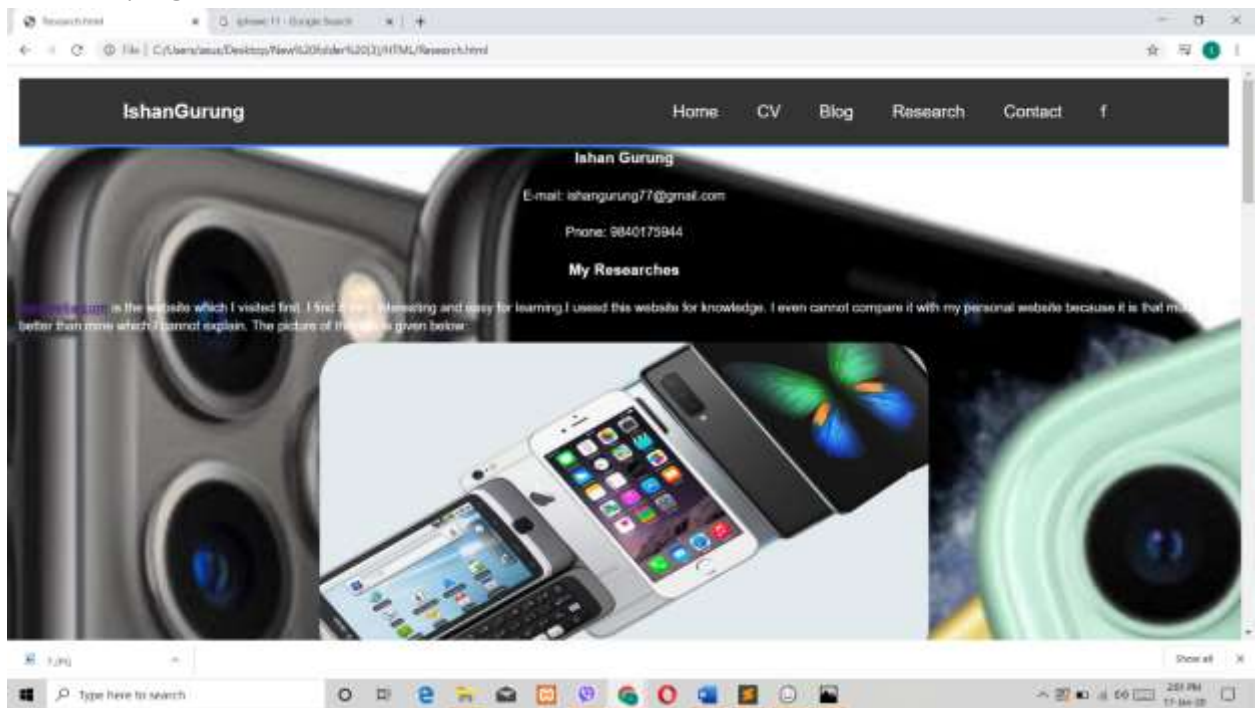


Figure 8 research page of website

Wireframe for contact page

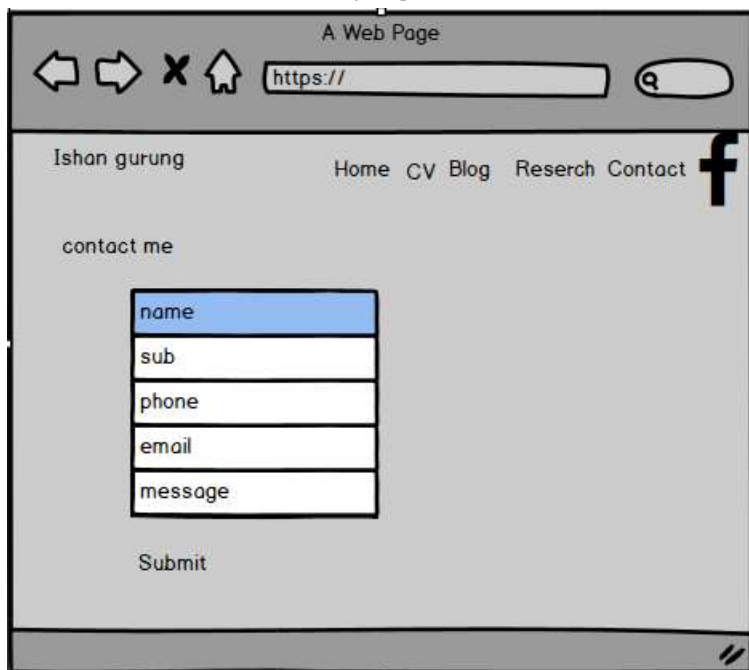
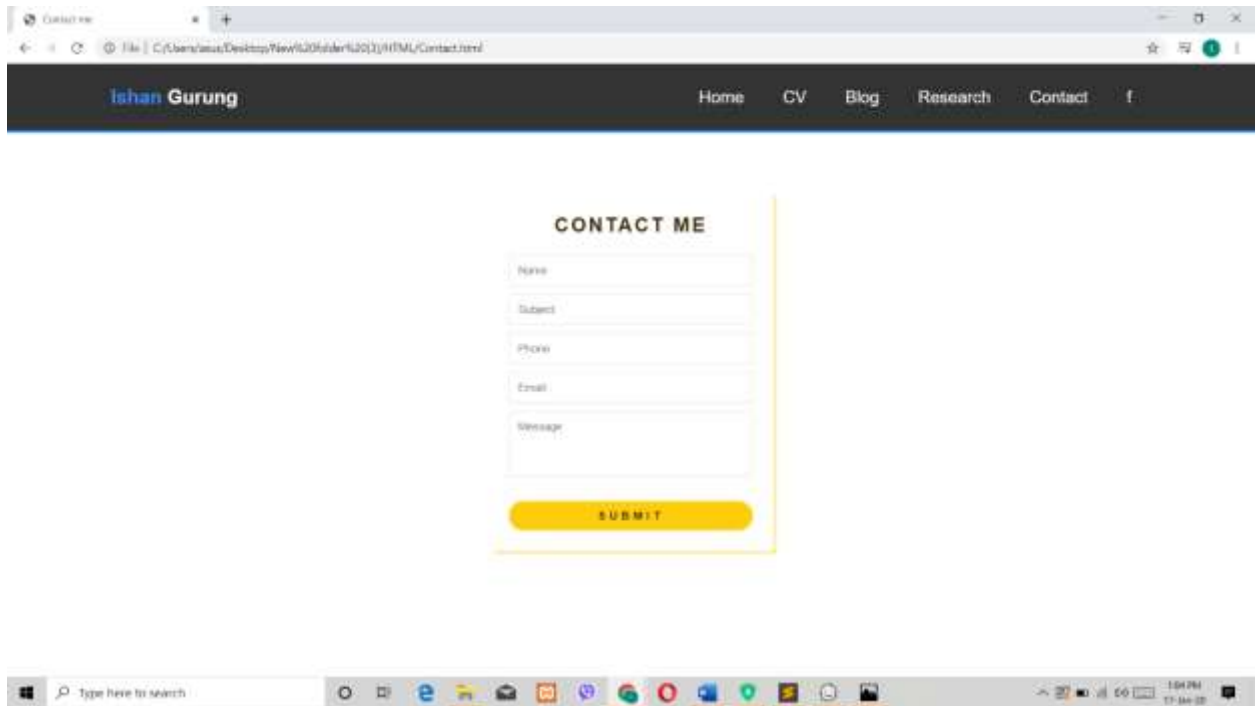


Figure 9 wireframe of contact page

Contact page of the website



The screenshot displays a web browser window with a dark blue header. The header contains the name 'Ishan Gurung' on the left and a navigation menu with links: 'Home', 'CV', 'Blog', 'Research', 'Contact', and 'f'. The main content area is white and features a yellow-bordered box titled 'CONTACT ME'. Inside this box is a form with five input fields: 'Name', 'Subject', 'Phone', 'Email', and 'Message'. Below these fields is a yellow 'SUBMIT' button. The browser's address bar shows the file path 'C:\Users\asut\Desktop\New folder\Ishan Gurung\HTML\Contact.html'. The Windows taskbar at the bottom includes a search bar, several application icons, and a system tray showing the time as 1:04 PM on 17-Mar-20.

Figure 10 contact me page of website

Testing

Testing is the process of checking software or site is functioning well or not which we have made. If the website we had made has the function well without an error then the programs work fine. We have developed Portfolio website which is connected webpages in this coursework. Before testing there was many problems occurred but after testing it, I had edited all the code and now there is no any problem.

Test no 1: Testing hover effect:

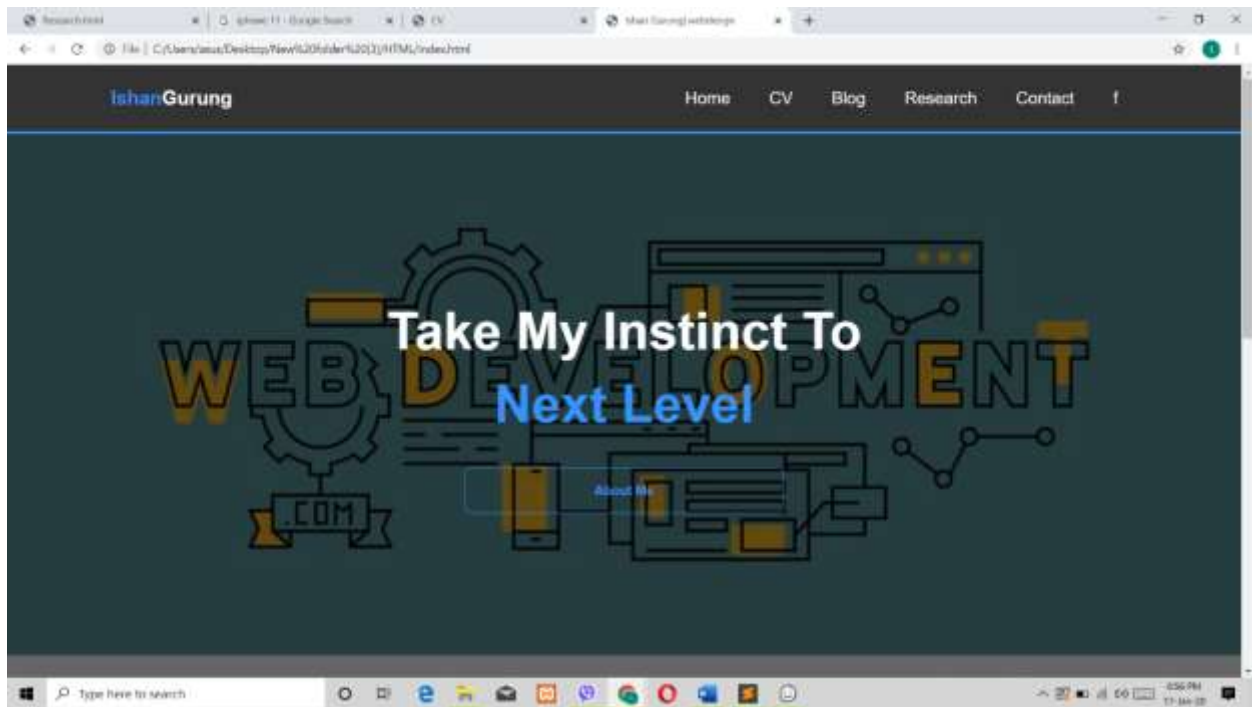


Figure 11 testing hover effect

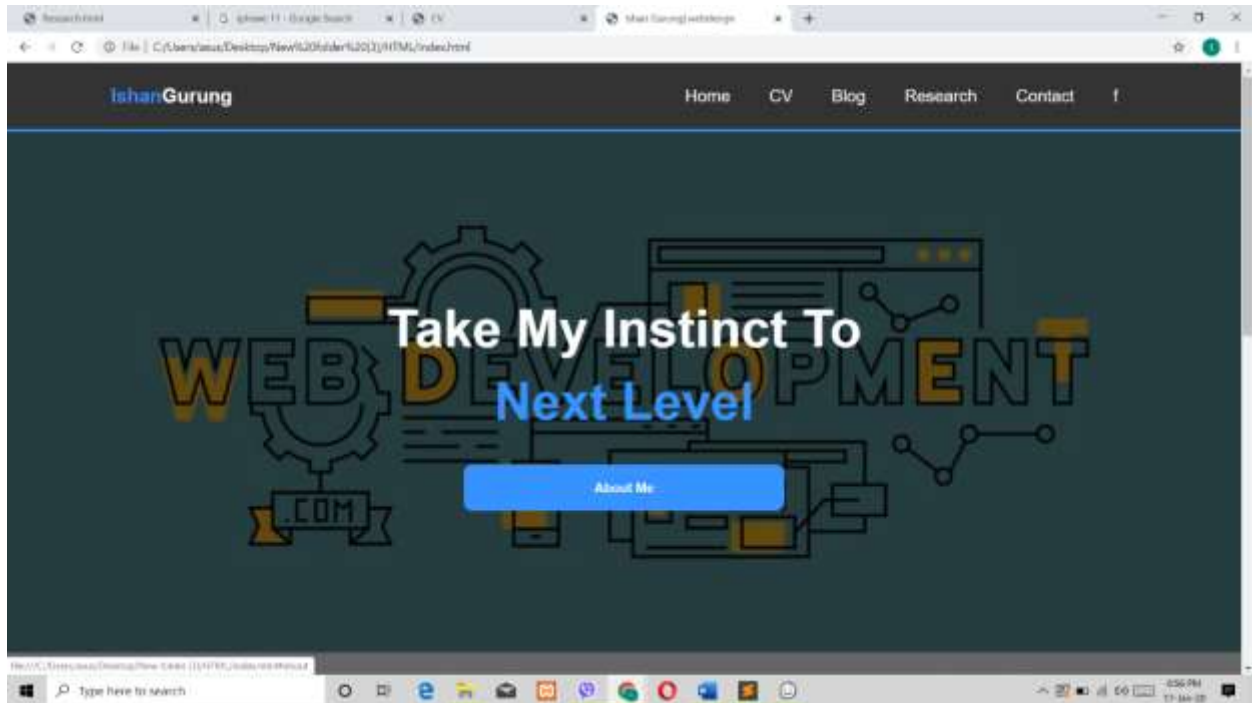


Figure 12 after testing hover effect

Table of test no 1

objective	To see a hover effect.
Action	Open the about us written in bold by the hover effect.
Expected result	The about us word should become in bold letter.
Actual result	The about us page is in bold.
conclusion	The test was successful.

Table 1 showing information of hover effect

Test no 2: External link



Figure 13 testing external link



Figure 14 after testing external link

objective	To navigate to Instagram on clicking facebook icon from footer section of the page.
Action	Open home page in browser, Scroll down to footer Section. Click on facebook icon.
Expected result	facebook page should be opened after clicking facebook icon.
Actual result	Facebook page was opened after clicking on facebook icon.
Conclusion	Test was successful.

Table 2 showing information of external effect

Internal link

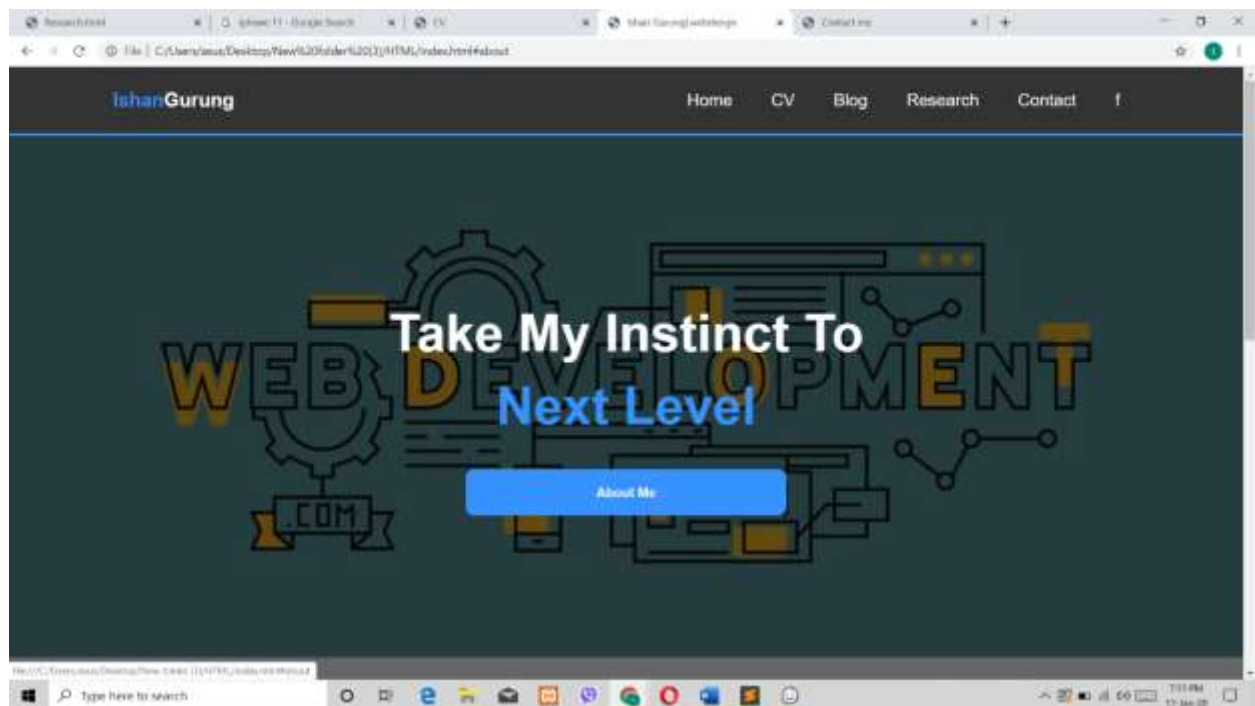


Figure 15 testing internal link

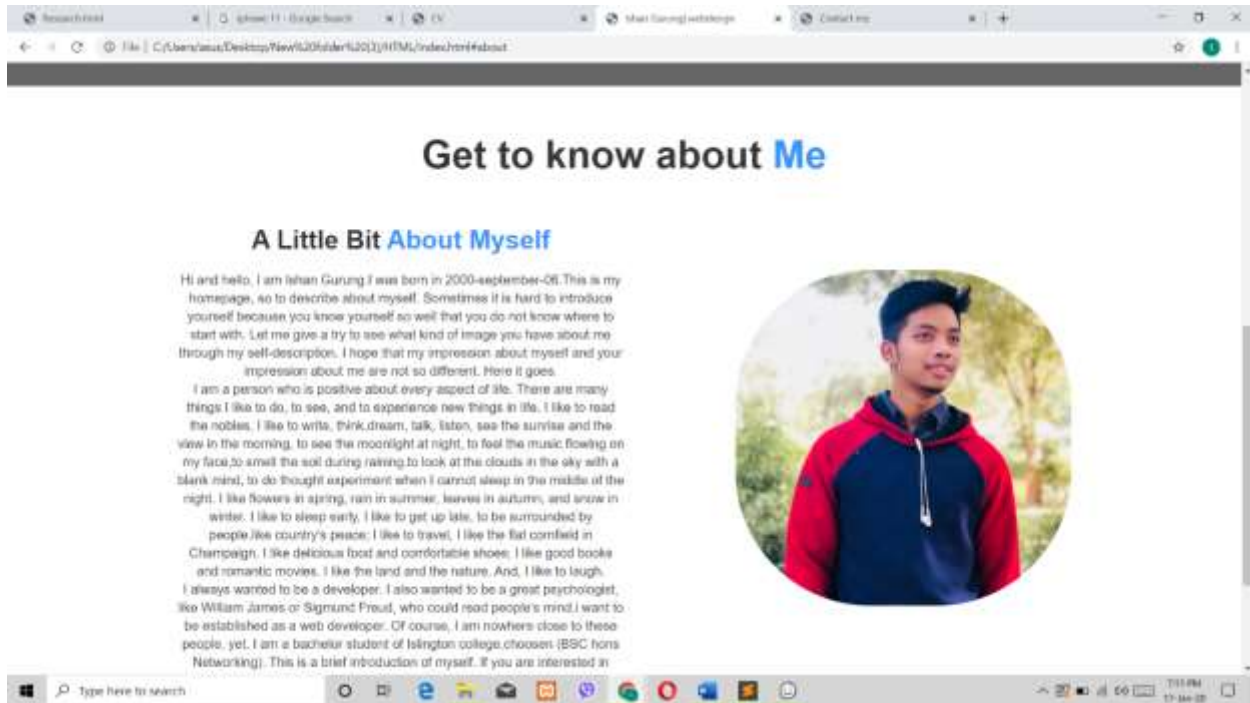


Figure 16 after testing internal link

Objective	To navigate the section of explaining about myself by clicking in about us.
Action	BY clicking in about us section it directly comes to myself section by clicking on it.
Expected result	By clicking on it should comes to the section where I explain about myself.
Actual result	By clicking on it it directly comes to the section where I explain about myself.
Conclusion	Test was successful.

Table 3 showing information of internal link

Test no:3 Popup effect

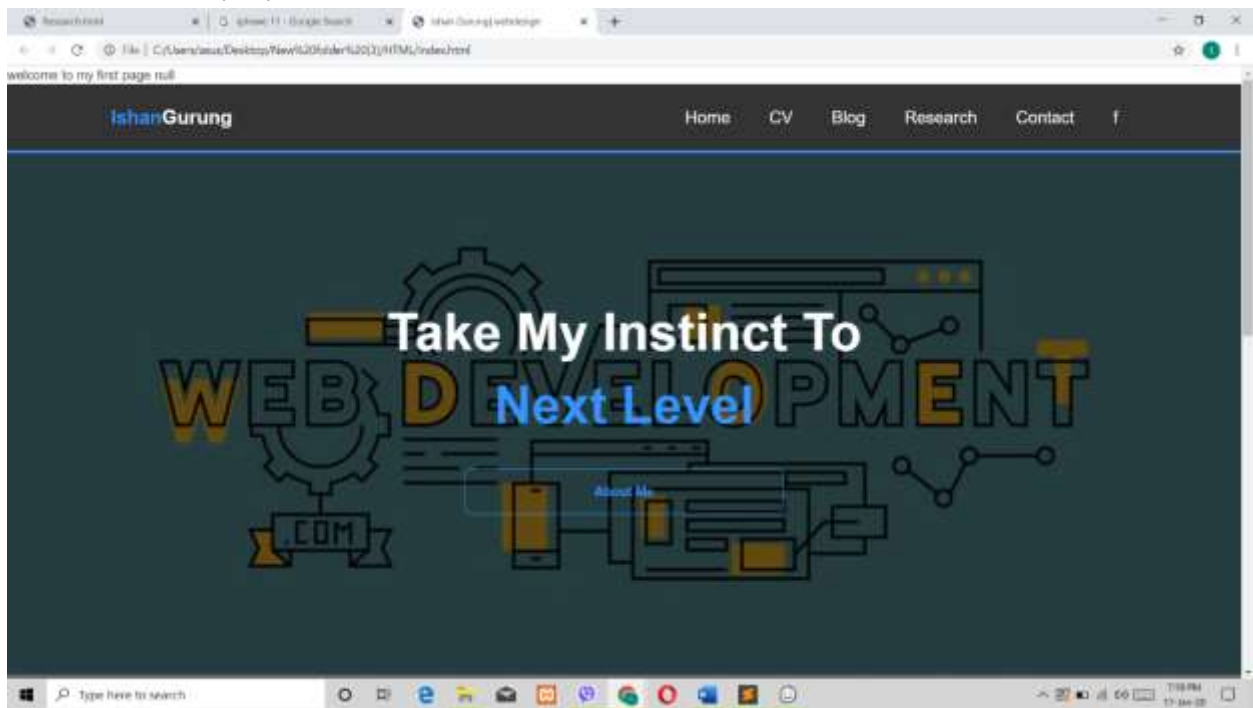


Figure 17 popup effect

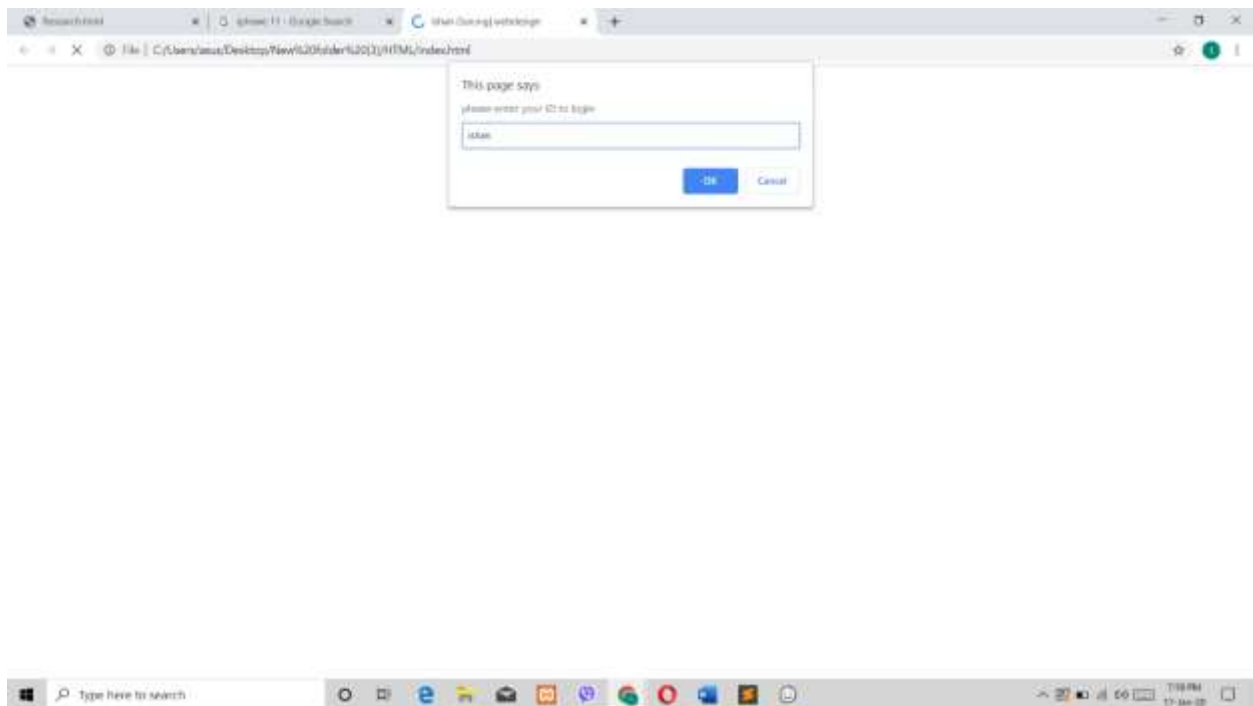


Figure 18 showing popup menu

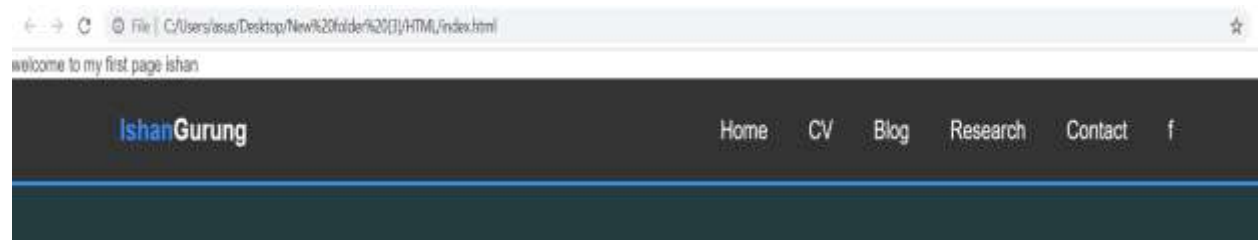


Figure 19 after testing popup effect

Objective	To navigate the section of popup function after clicking home button.
Action	By clicking the home button, it automatically comes the popup menu.
Expected result	It should come popup menu
Actual result	By clicking on it it comes the popup menu as as expected.
Conclusion	The test is successful.

Table 4 showing information of popup effect

Test no 4: Popup comments

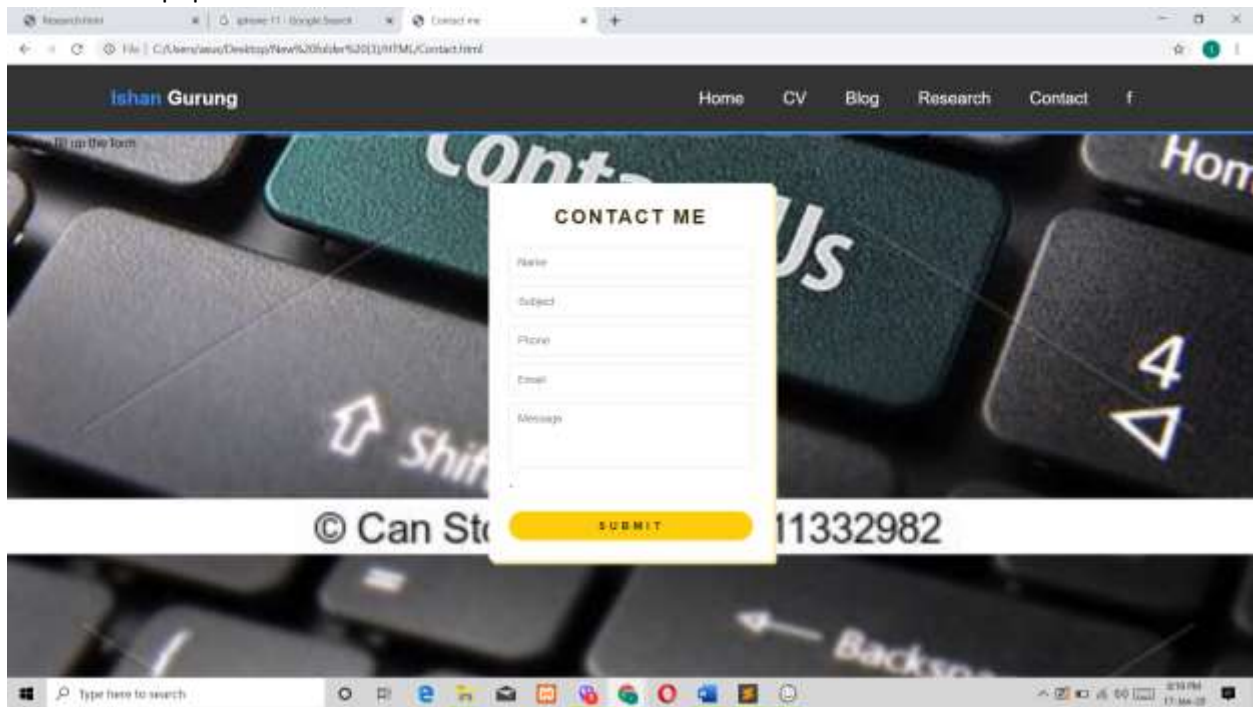


Figure 20 testing popup comments

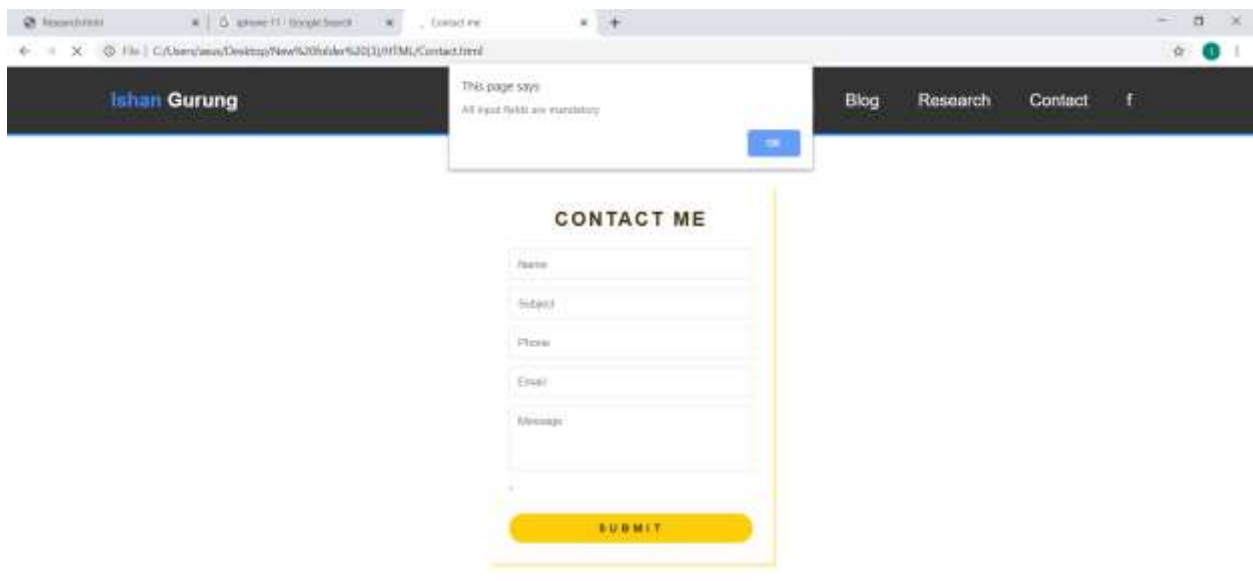


Figure 21 after testing popup effects

Objective	To navigate the section of popup function after clicking home button.
Action	By clicking the home button, it automatically comes the popup menu.
Expected result	It should come popup menu
Actual result	By clicking on it comes the popup menu as expected.
Conclusion	The test is successful.

Table 5 showing effect of popup comments

Test no:5 function effect

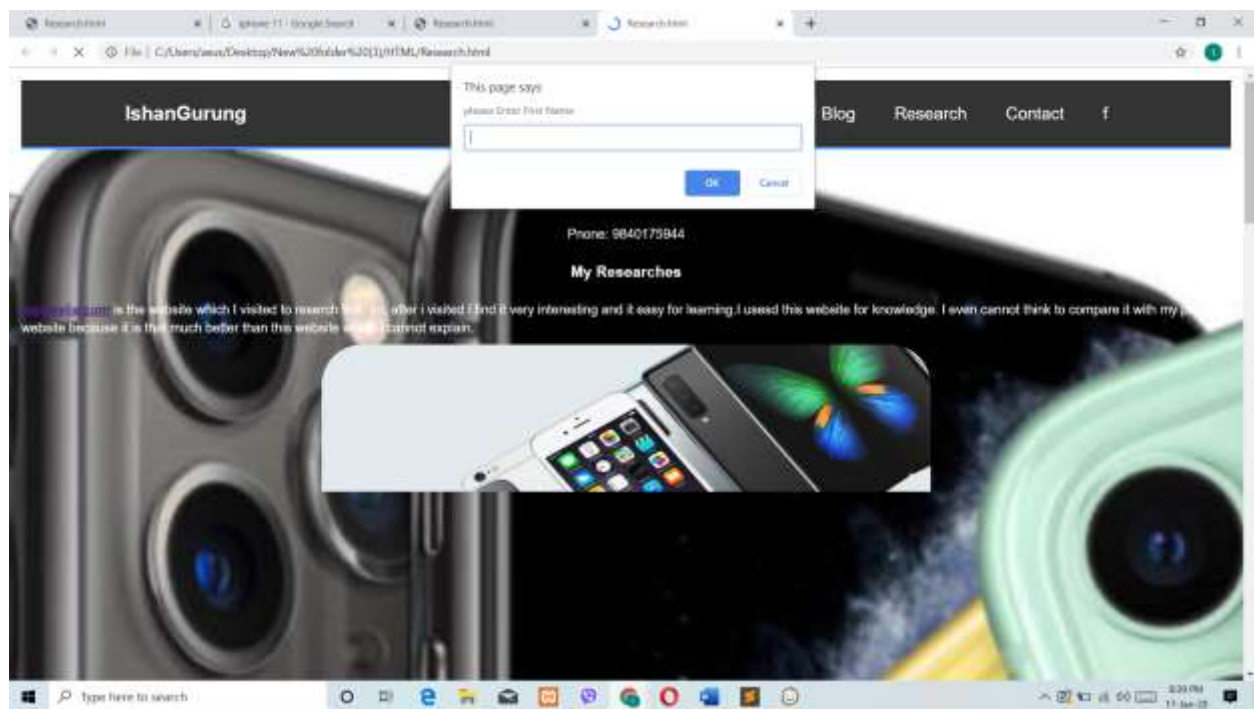


Table 6 testing function effect

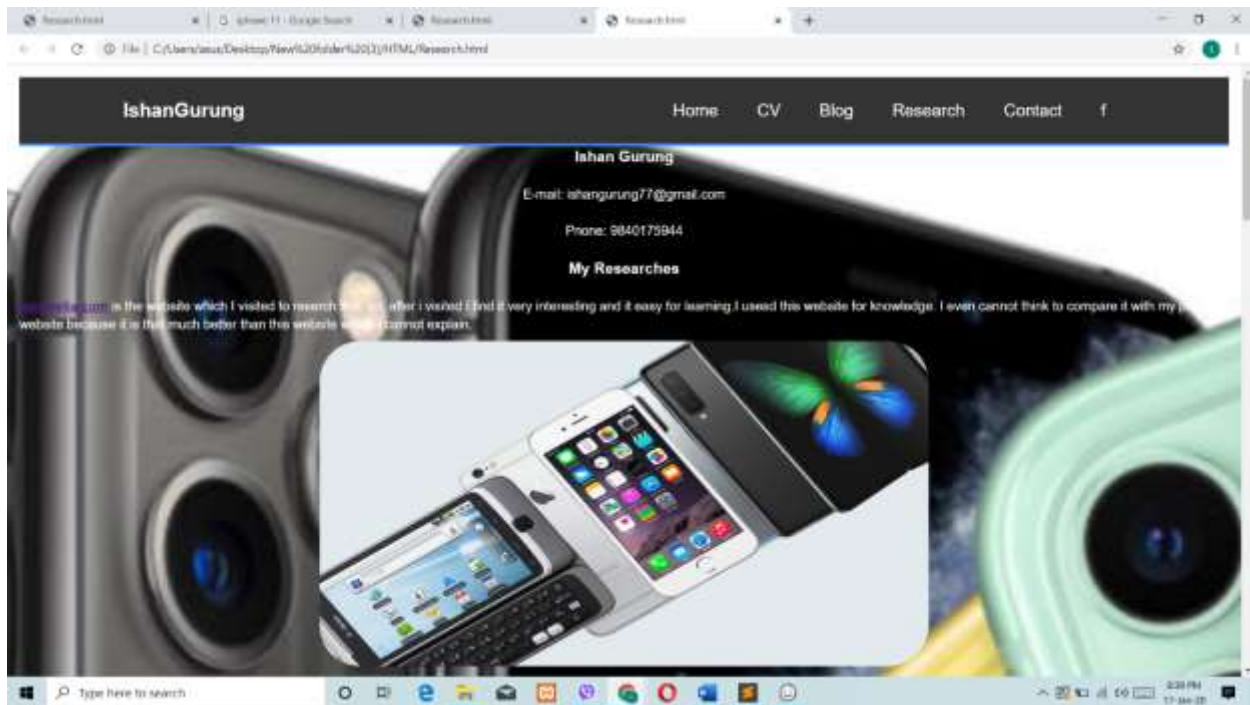


Table 7 after testing function effect

Object	To navigate research page on clicking research button.
Action	Opens the name menu in the research page.
Expected result	It should open the name function menu while clicking in research page.
Actual result	Research page contains name function on research button.
Conclusion	The test was successful.

Table 8 showing information about test about function effect

Conclusion

On the 10th week the third coursework of the module Information System was published. Firstly, it was hard to understand what I should do to make this project run when I looked for the first time of the given coursework. After then discussing with my module leader, module tutor and friends my confusion was clear and got knowledge about the coursework and then making all the plans I started to research and study on various topics. While doing this coursework a lot of errors and mistakes arises then after discussing it with the teacher problems has been solved. This coursework was all about creating a website. We needed to create wireframes of every webpages. But i had no idea about wireframes. so, in order to gain knowledge about wireframes, I went through the documentation of Balsamiq Mockups 3. It helped me to use this tool for creating wireframes.

This coursework is all about making a website. So, I made website of how technology has affected in daily lives. This website consists of five different webpages that connects with each other. The section of this website are HOME, CV, BLOG, RESEARCH and CONTACT ME. I have followed the same pattern. Followed by navigation bar Header section consists of a related background image. Body part contains the content which is main in all and footer section contains with the social media links. With the help of navigation bar each webpages links with each other.

Along with that I use different tags and metatags. And I did the same thing for all others section or webpages. I used CSS (Cascading Style Sheet) in order to make them colorful and attractive which is used on tags used by HTML5. I have used various images while styling the web pages. In order to make code functional, JavaScript helped me in adding various functionality to the webpages instance of carousel and checking the form validation. To conclude it was a great experience to create own websites and implementing in owns way by tackling many ups and downs. This coursework helps me a lot for creating website and by using same concept I can create any type of e-commerce website. And like calm, interesting finally I completed my coursework.

To conclude it was a great experience to create own websites and implementing in owns way by tackling many ups and downs. This coursework helps me a lot for creating website and by using same concept I can create any type of website. And like calm, interesting finally I completed my coursework.

Bibliography

Anon., n.d. [Online]

Available at: https://www.w3schools.com/html/html_responsive.asp