Module Code & Module Title

CC4057NI

Introduction to Information Systems

Assessment Weightage & Type

40% Individual Coursework

Year and Semester

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Introduction :

Hypertext Mark-up Language, an institutionalized framework for labeling content documents to accomplish text style, shading, realistic, and hyperlink consequences for World Wide Web pages. Falling Style Sheets is a template language utilized for portraying the introduction of a report written in an increase language like HTML. CSS is a foundation innovation of the World Wide Web, close by HTML and JavaScript. JavaScript, regularly contracted as JS, is a significant level, without a moment to spare assembled, multi-worldview programming language that adjusts to the ECMA script detail. JavaScript has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

In this assignment we were asked to create 5 webpages using HTML and link them using CSS and javascript. We were asked to take references from other websites and accordingly create the webpages. At the references section we were also asked to compare the original webpage and the webpage of our website.

Regarding the documentation part we were asked to write the details of the important topics and most importantly the wireframe was required. The dummy diagram of the webpages was required to be inserted in the documentation.

Discussion and Analysis:

The main objective for create a website is to create a portfolio of mine, so that employers can look at it and if they find my criteria matching with theirs they can contact me. I
have included my CV, a blog which contains my writing on how technology has impacted the
daily lives of people, ways to contact me and a map there. I used Sublime text to write the
HTML tags, CSS style file, inline and external java script file. And, I used Balsamiq3 to create a rough design of my website which includes all of the web pages. The following were some application which were used during this assignment:

Balsamiq3
Sublime
Ms-Word

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Wireframe:

A wireframe is a format of a website page that shows what interface components will exist on key pages. It describes the contents and elements of website. It acts as a blueprint for designing a website. Wireframes can likewise be utilized to make simple outline representing the layout of the website along with the web pages and structure utilized for the site.
Balsamiq3 tool was used while creating a wireframe for my website. It is easy to use and maintain the structure of the webpages in a wireframe position.
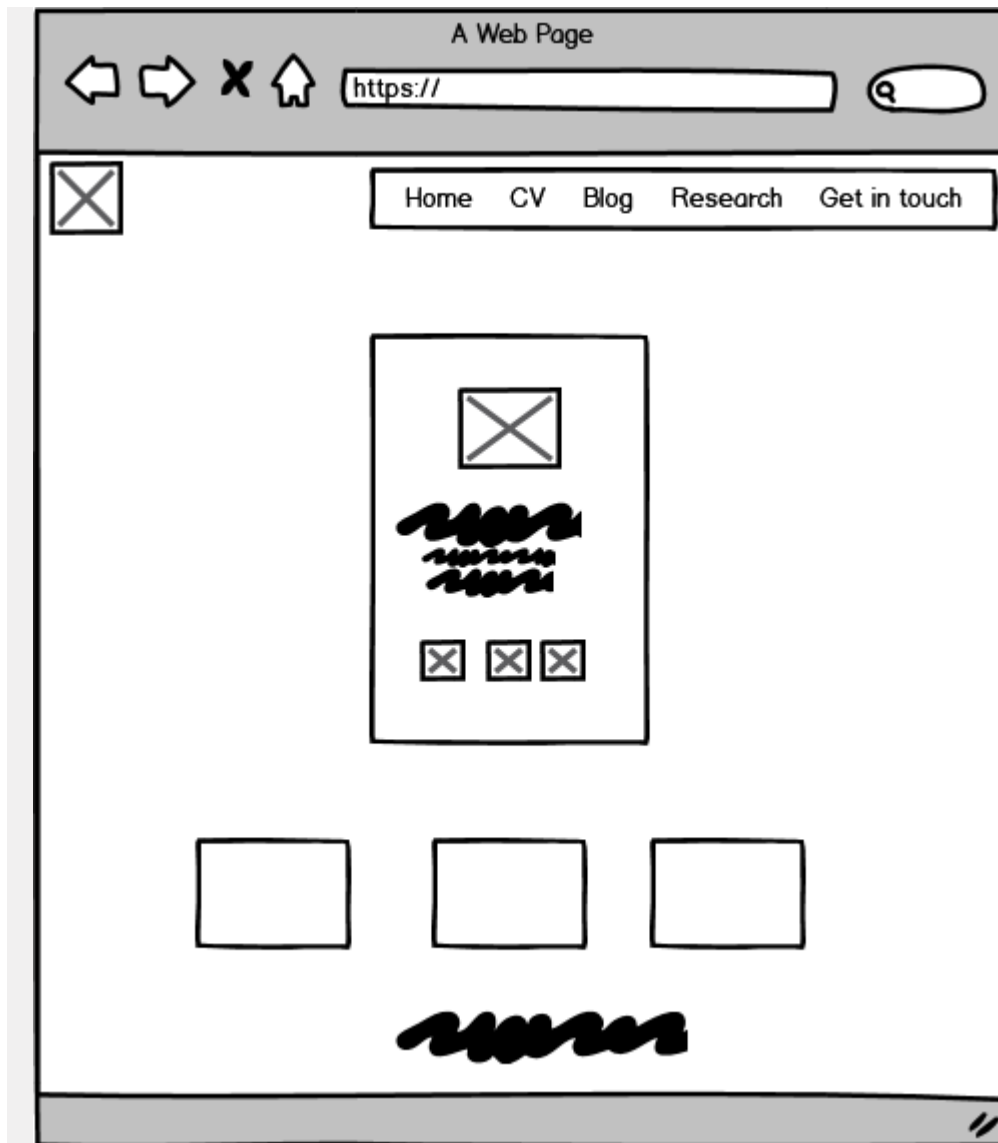
Wireframe for webpages:

Wireframe for Home:

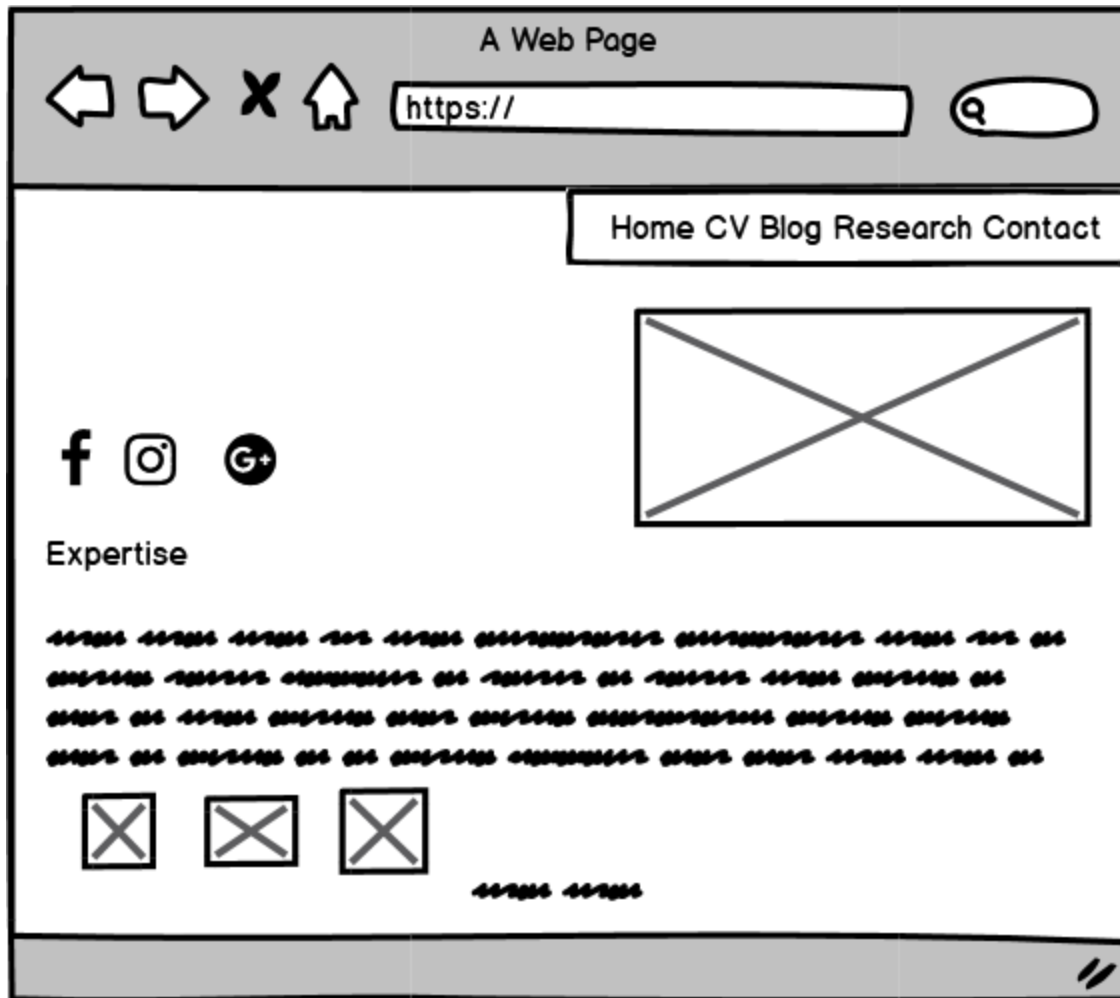Figure 1: WireFrame of Home

Wireframe for CV:
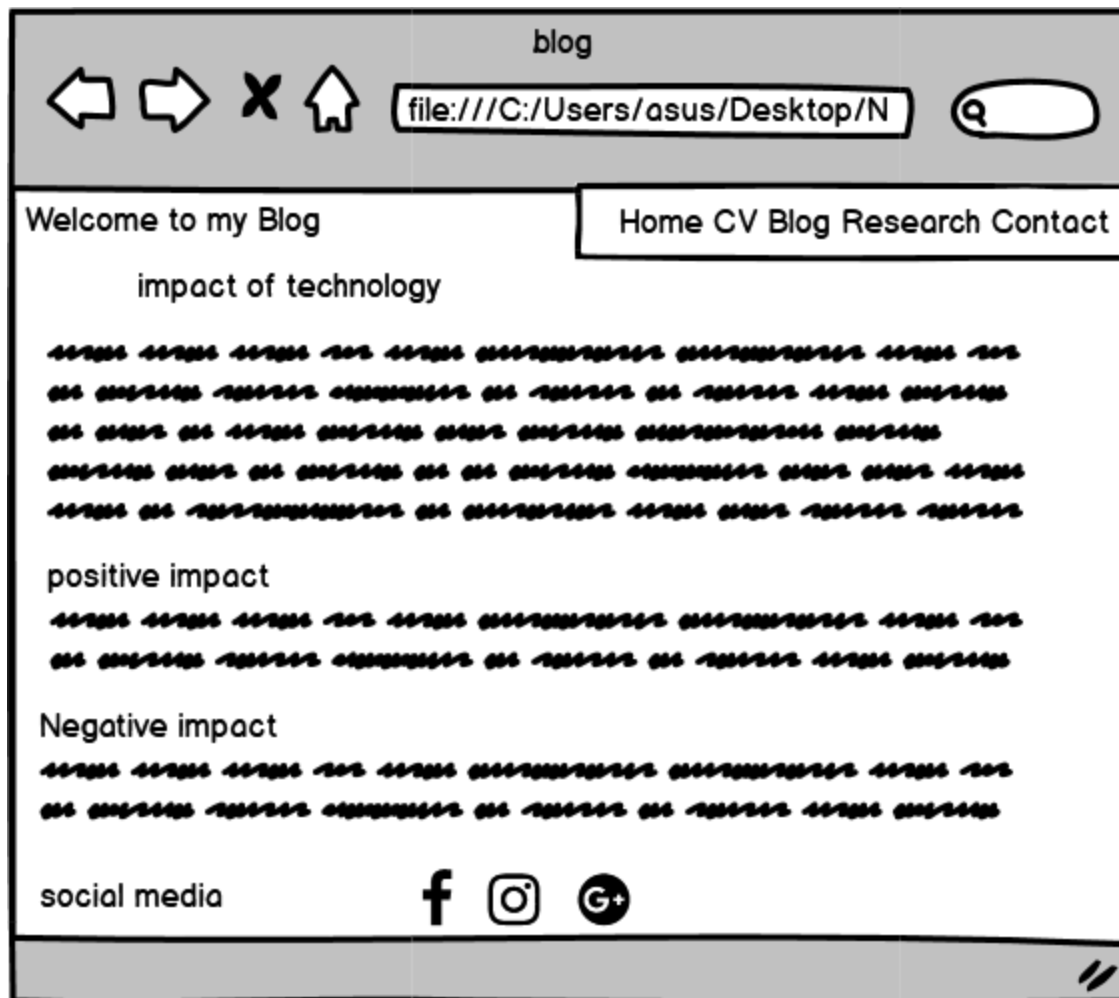
Figure 2: WireFrame of CV

Wireframe for Blog:

Figure 3: WireFrame of Blog

Wireframe for Research
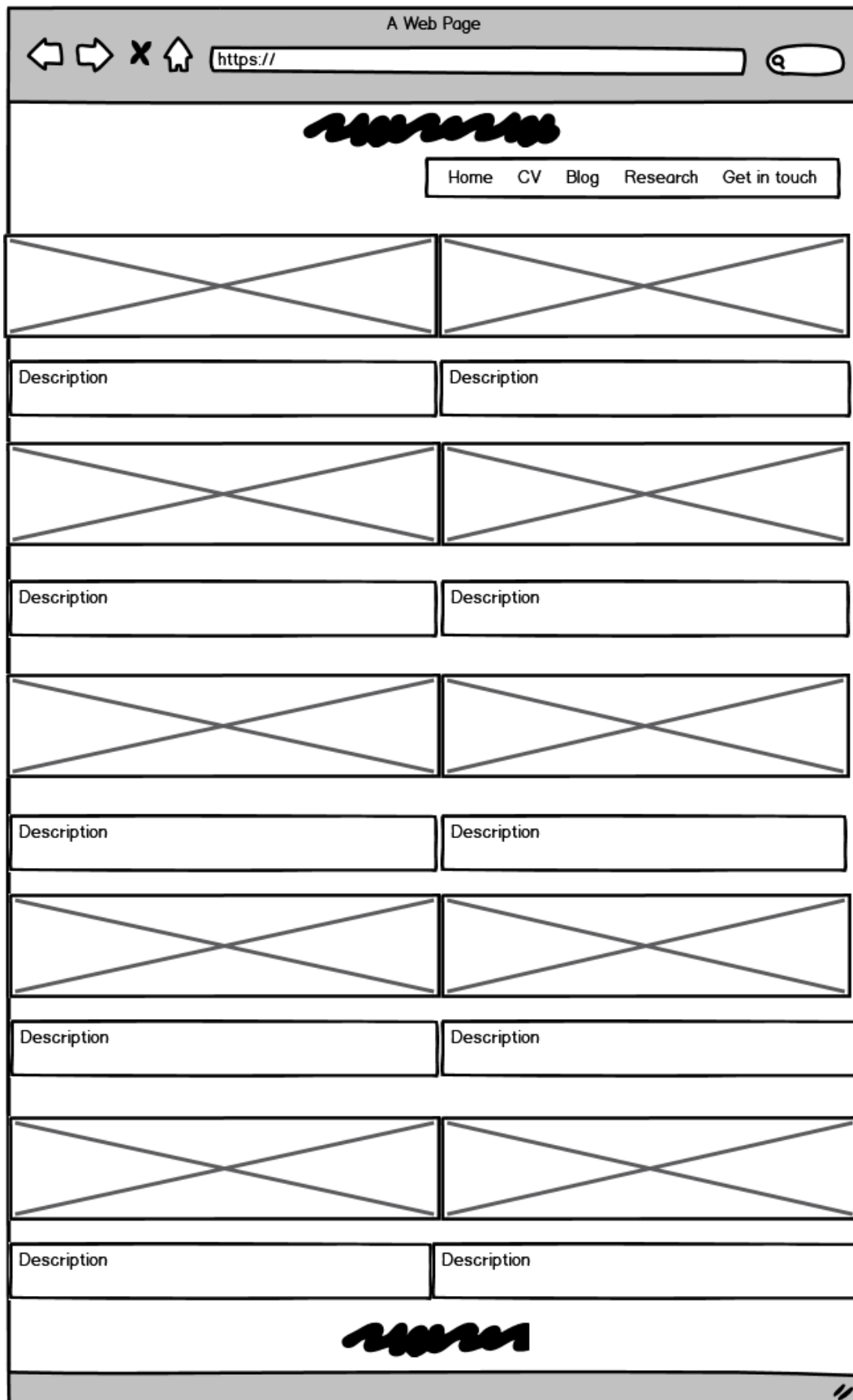
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A Web Page

◁ ⇨ ✗ ⌂ | https://   🔍

Home   CV   Blog   Research   Get in touch

| Description | Description |

| Description | Description |

| Description | Description |

| Description | Description |

| Description | Description |

Figure 4: WireFrame of Research
Wireframe for Get in Touch:

Figure 5: WireFrame of Get in touch

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HTML:

HTML (Hypertext Mark-up Language) is a book based way to deal with portraying how substance contained inside a HTML document is organized. This mark-up advises an internet browser how to show content, pictures and different types of interactive media on a website page. HTML is a proper suggestion by the World Wide Web Consortium (W3C) and is by and large clung to by all significant internet browsers, including both work area and versatile internet browsers. HTML5 is the most recent adaptation of the particular. (Rouse, 2020)

CSS:

 Short for falling templates, CSS is a language used to portray reusable styles for introducing records written in a mark-up language. Its idea was begun by Håkon Wium Lie in 1994. In December 1996, CSS was made a particular by the W3C and today permits web engineers to modify the format and presence of their pages. For instance, CSS might be utilized to change the textual style utilized in certain HTML component, just as its size and shading. A solitary CSS record might be connected to numerous pages, which enables an engineer to change the presence of the considerable number of pages simultaneously. (Hope, 2019)

JavaScript:

Short for falling templates, CSS is a language used to depict reusable styles for introducing records written in a mark-up language. Its idea was started by Håkon Wium Lie in 1994. In December 1996, CSS was made a particular by the W3C and today permits web engineers to change the format and presence of their site pages. For instance, CSS might be utilized to change the text style utilized in certain HTML component, just as its size and shading. A solitary CSS record might be connected to numerous pages, which enables a designer to change the presence of the considerable number of pages simultaneously.

Testing:

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Test : 1

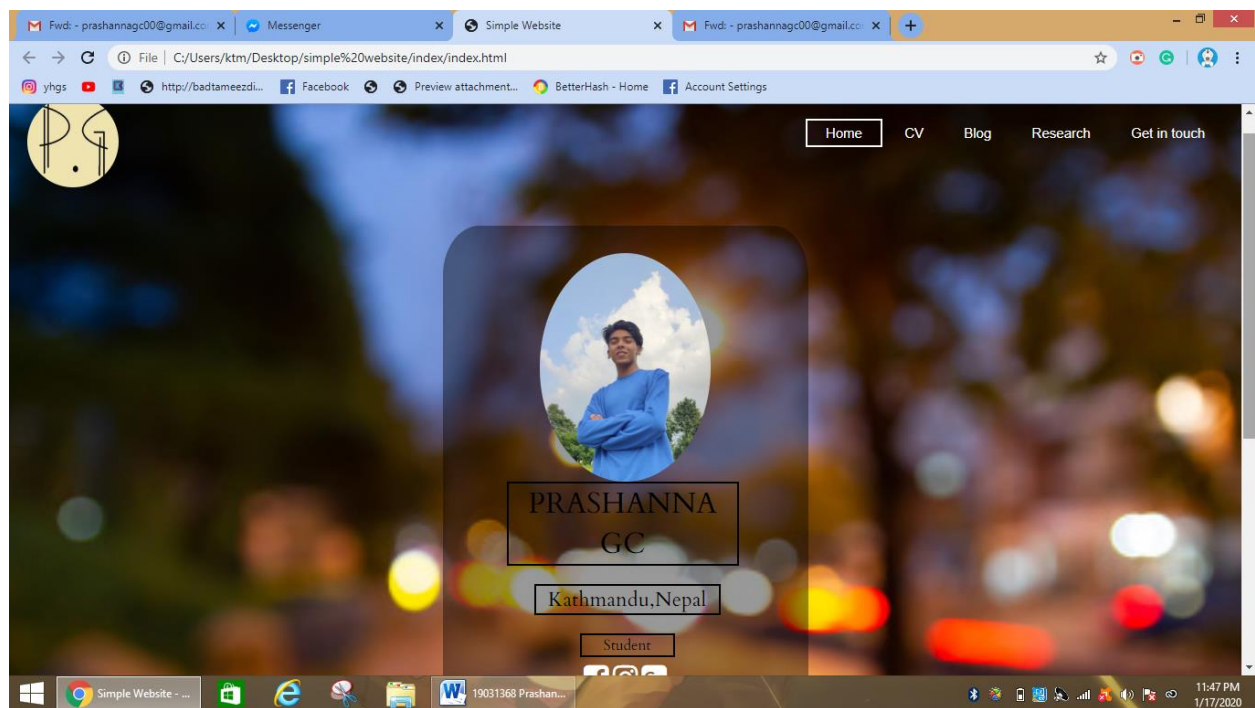| Objective	To ask for the permission on click.
Action	The homepage was clicked.
Expected Result	The alert message for permission should open.
Actual Result	The alert message for permission was opened.
Conclusion	Text was successful.

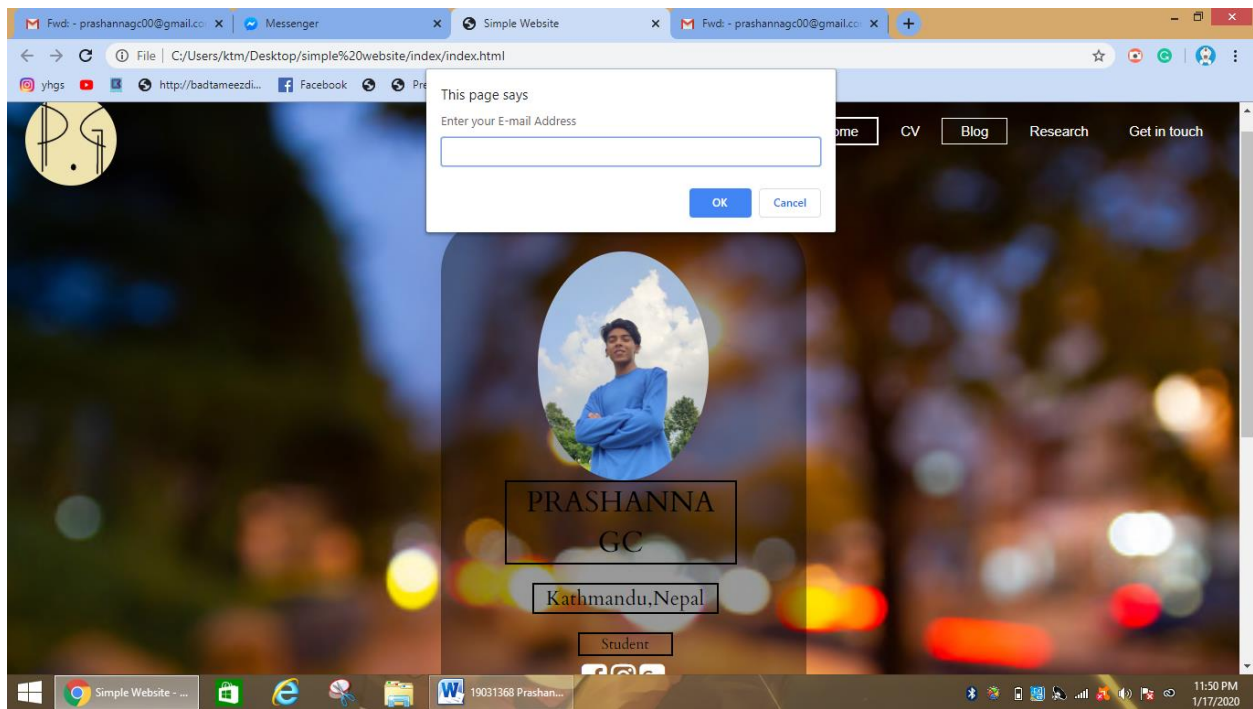Figure 6: First screenshot of test 1

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Figure 7: Second screenshot for test 1

Test-2:
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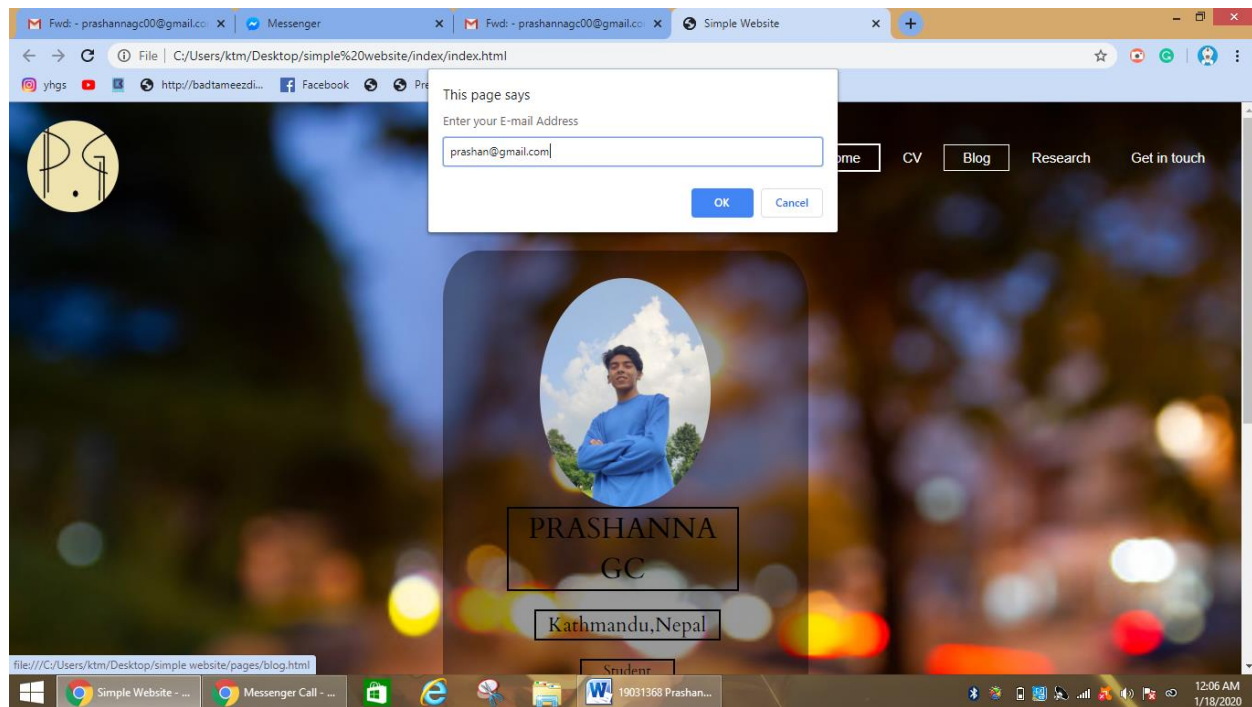| Objective	To fulfil the permission on click.
Action	The email was inserted.
Expected Result	The blog page should open.
Actual Result	The blog page was opened.
Conclusion	Text was successful.

Figure 8: First screenshot for test 2

Figure 9: Second screenshot for test 2

Test -3:

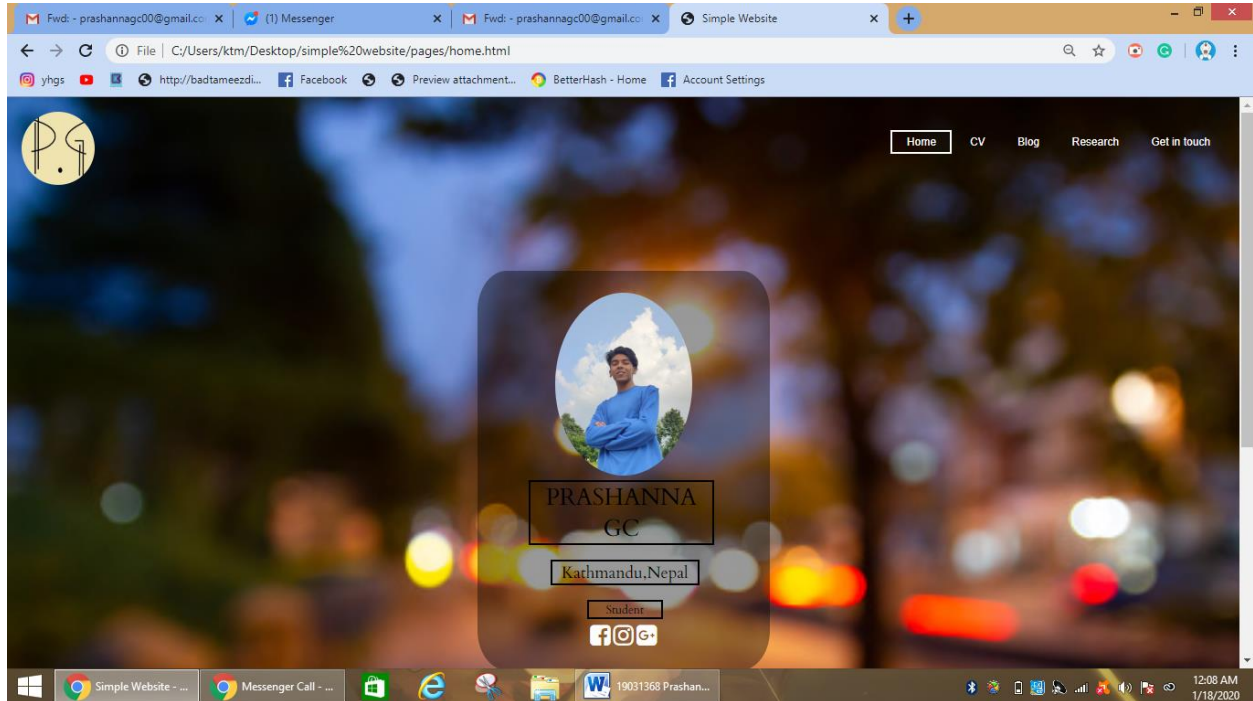| Objective	To open social media site on click.
Action	The facebook icon was clicked.
Expected Result	Facebook profile should open.
Actual Result	Facebook profile was opened.
Conclusion	Text was successful.

Figure 10:First screenshot for test 3

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Figure 11: Second screenshot for test 3
Test-4

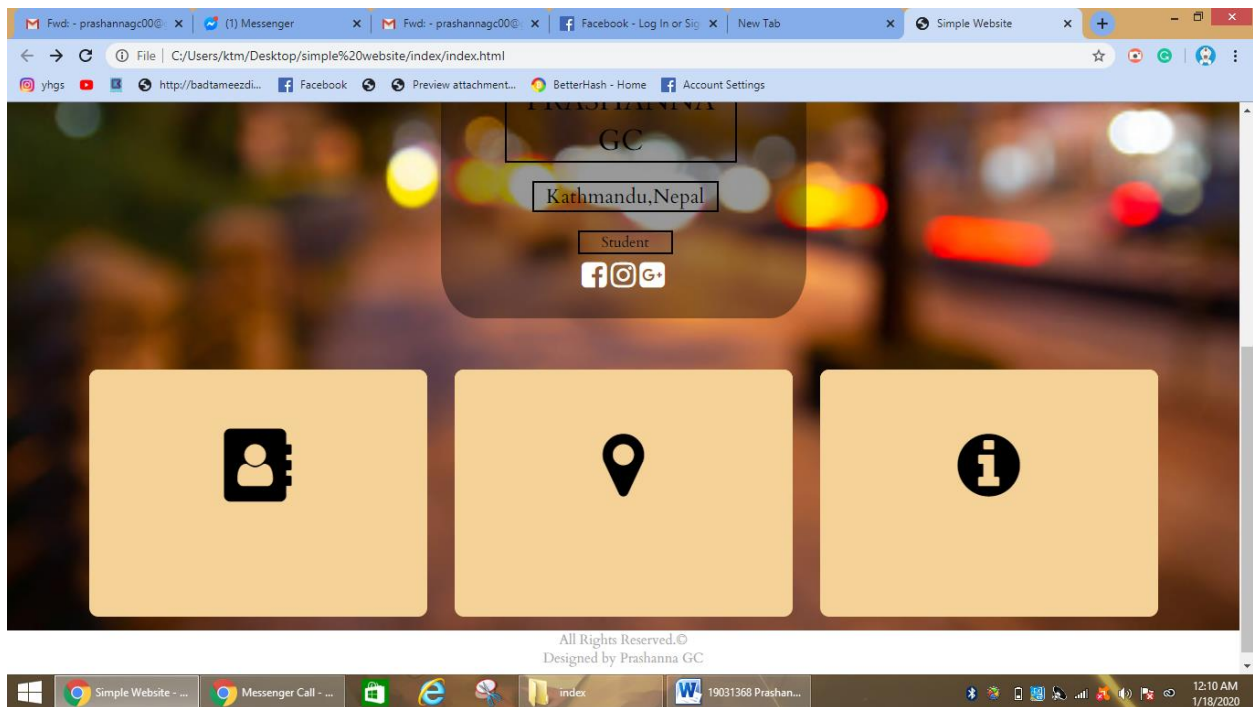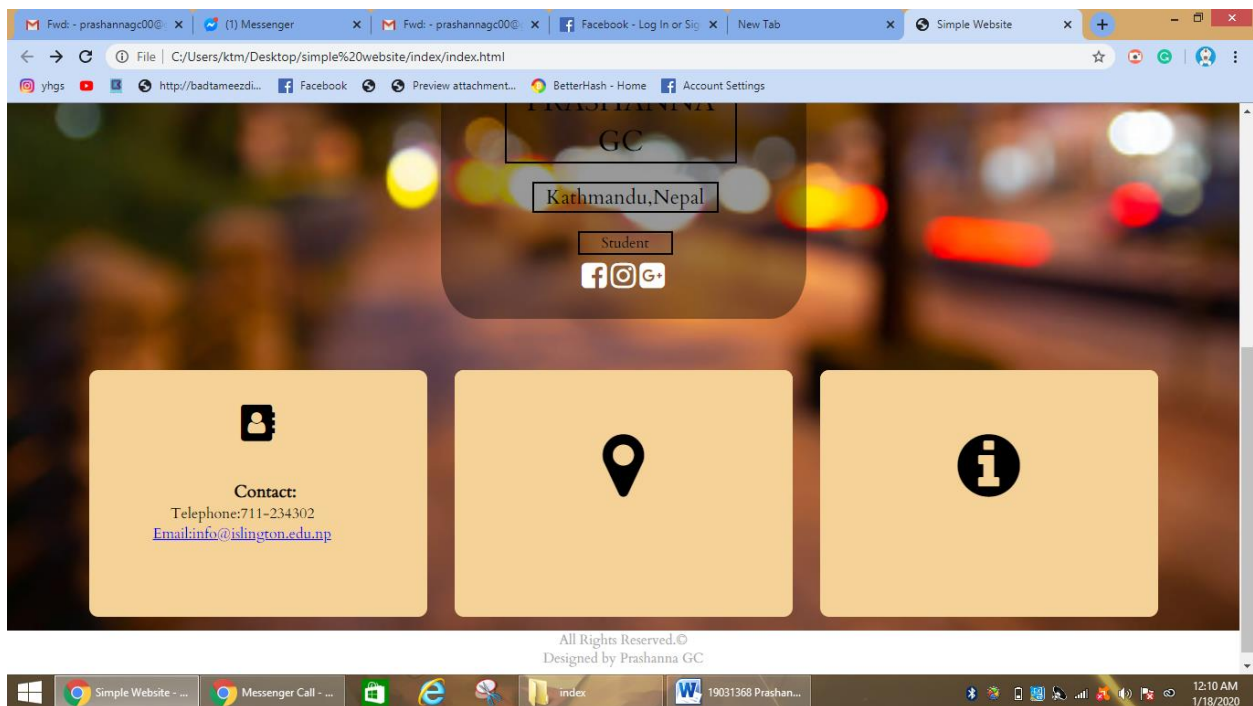| Objective	To view contents of content box.
Action	The pointer was taken to the content box
Expected Result	The contents to be viewed.
Actual Result	The contents was viewed.
Conclusion	Text was successful.

Figure 12: First screenshot for test 4

Figure 13: Second screenshot for test 4

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Test-5

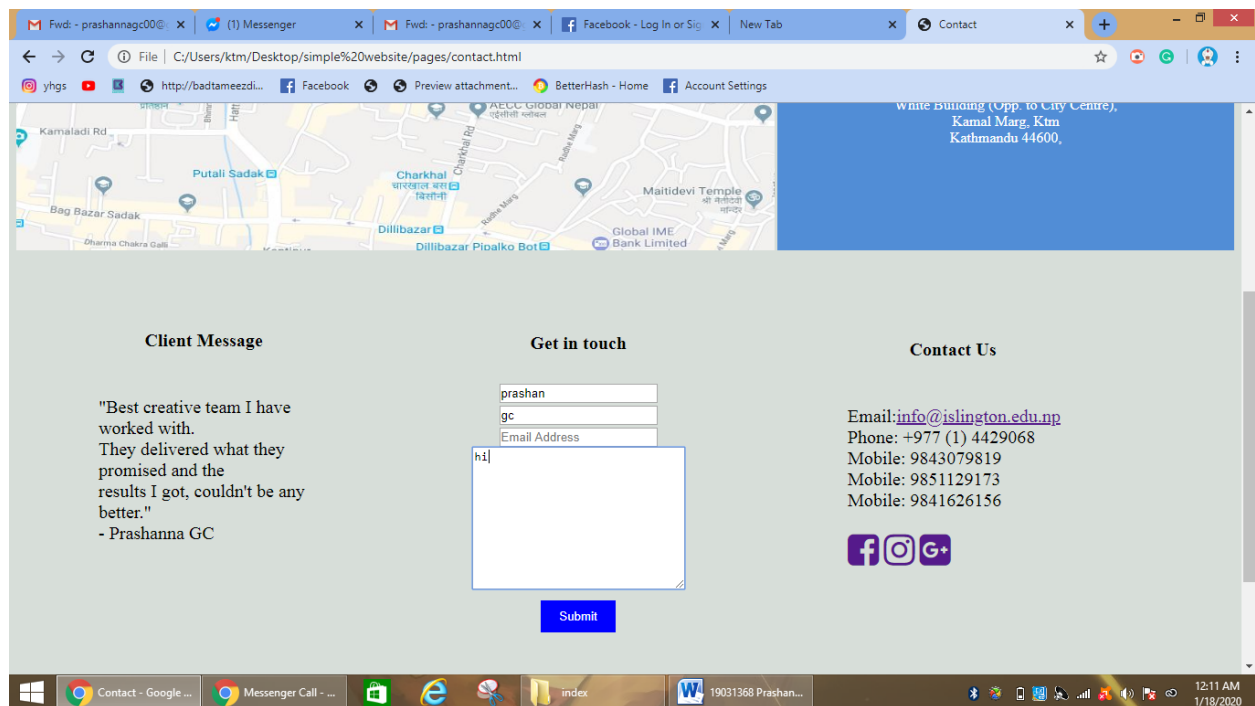| Objective	To incompletely fill in the contact menu.
Action	The contact menu was filled incompletely.
Expected Result	The alert message to be viewed.
Actual Result	The alert message was opened.
Conclusion	Text was successful.

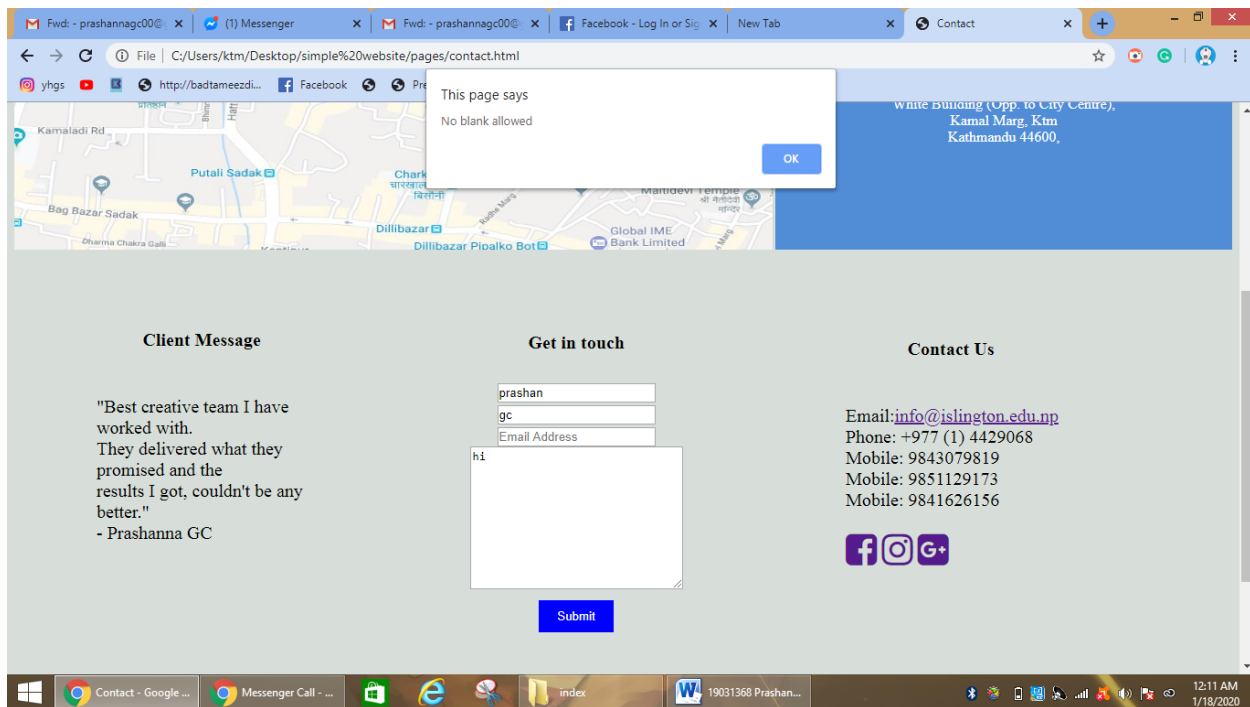Figure 14: First screenshot for test 5

Figure 15:Second screenshot for test 5

CONCLUSION:

The given Coursework was about the designing as well as the creation of the website as per the question. After the completion of the coursework I got the knowledge's
about creating a website through HTML. designing through CSS and Java-script. I encountered several problems while doing this coursework and it was cleared by the guidance of the module teacher as well as our respective tutorial sir.
In this coursework, a simple website was created with different navigation bar.
Here, I used Sublime Text to develop a website using HTML, CSS and Java-script codes.
I created a total of 5 pages which are "Home", "CV", "Blog", "Research", "Get In Touch" respectively and each webpage contains header and footer section. Each webpage is distinct with each other. To make the coursework more reliable, screenshots of the codes
and wireframes were taken. Completing the coursework was very fun. After finishing this
website, I further made my research on websites so that how can my website be useful and utilized in proper way.
It was very challenging finishing this coursework on time so, I had quite a fun finishing this coursework. I don't regret my decision wasting my time researching on

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different topics such as books, websites and journals. Doing researches on these things took me a lot of time. This coursework helped me to develop my skills to make a website
by using HTML, CSS and Java-Script and also developed my creativity skills which will prove to be very meaningful in every aspect of my life. Since it gave me the knowledge's
of what I was seeking which will be very necessary for my further carrier. Therefore, I gave my best to finish this project which was fruitful.

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