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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

People use websites every day. We surf internet to find information and for entertainment purpose. Website design is a process of assorting and linking codes and graphics into text editor such as notepad and then displaying in onto a web browser (bartleby, 2018). Website doesn't have a specific style. One can style it as s/he wants. The coursework given to us was about developing a portfolio website using HTML (HyperText Markup Language), CSS (Cascading Style Sheet) and JavaScript.

Now, portfolio website is a website which displays necessary information about a person and provides others an outlet to reach the person. It provides a convenient way for potential clients to view the person's achievement and services. Portfolio websites are not just for finite use. Its importance has peaked as it increases the person's visibility and presence. It allows professional way to showcase you work. It is a very good way to approach job search for job seekers as well. A portfolio website can have a huge impact on the person's ability to acquire work.

A student portfolio is a compilation of academic work, educational evidence and skills. Portfolios can encourage students to monitor their learning process and reflect on where they started and how they developed. Portfolios come in many forms. They may range from notebooks with documents, notes, awards, certificates, blogs, photographs, etc. Student portfolio can help students to manage the achievements, skills and things they have learned. The portfolio prepared by student can help them keep record of their works and evaluate them. It also helps them in when they participate in internship. They can create good portfolios over the course of the learning activities as an evidence for their skills and achievements.

Discussion and analysis

The website was designed by coding the codes of HTML, CSS and JavaScript properly.

HTML stands for Hyper Text Markup Language which describes the structure of webpages using markup. In other words, it is a computer language devised to allow website creation. The website created can be viewed by those connected to the internet. It consists of series of short codes typed into a text-file. HTML is one of the easiest and compatible languages for developing website. Every browser supports HTML language and by default in every windows so extra software need not be purchased.

CSS stands for Cascading Style Sheets. CSS describes the style of HTML documents. It describes how HTML element should be displayed. We can control the color of text, the style of fonts, the spacing between paragraphs, size of columns, background images and layout, adjust display for different devices. Working with CSS helps to save time. It has a much wider array of attributes than HTML so can give a better look to the HTML. CSS saves time as we can reuse the same sheet in multiple HTML pages.it is easy to maintain as well.

JavaScript is an object-oriented computer programming language which allows implementing complex things on web-pages. It enables the user to create dynamically updating content, control multimedia, animate images and considerably lot of things. JavaScript is Platform Independent. It can easily understand and interpret JavaScript code. It is very easy to learn. It doesn't take much time to understand how the language works. JavaScript has Powerful Frameworks.

Wireframes and webpages

Homepage

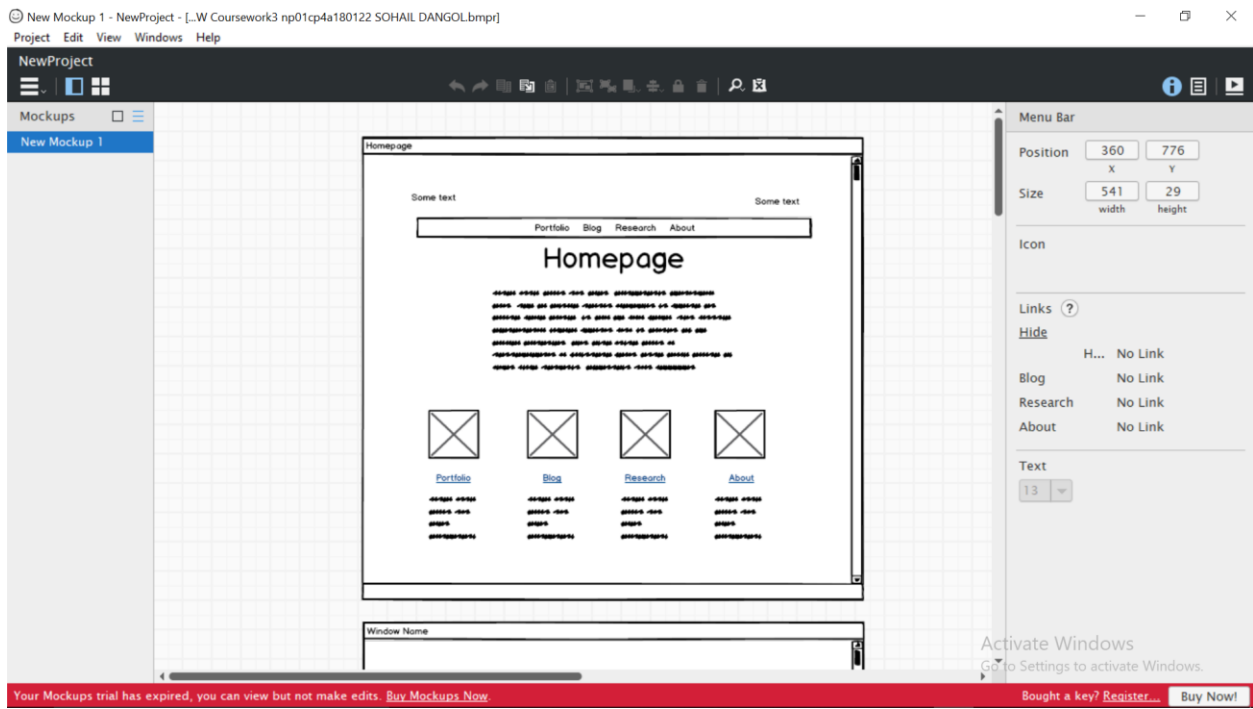


Figure 1: wireframe for homepage

This is the homepage of my website. There is navigation bar on top and links. The images below act as links to the webpages. The homepage starts with an animation.

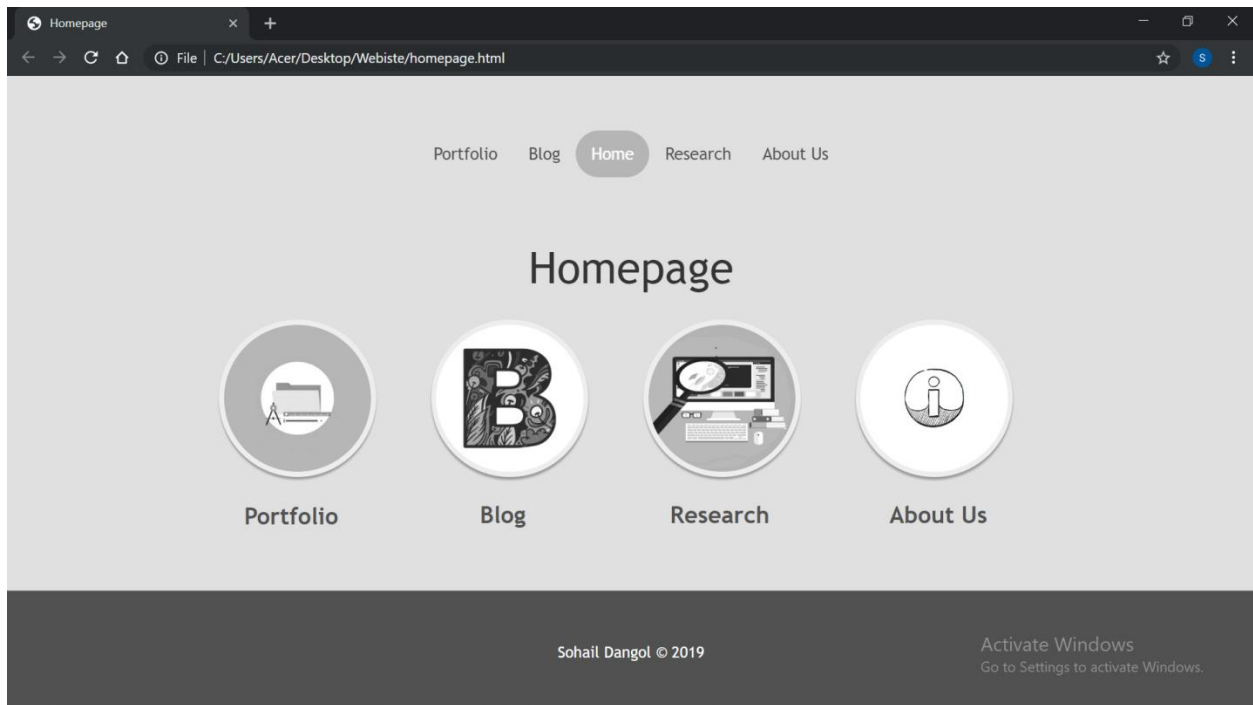


Figure 2:webpage homepage

The first figure is the figure of wireframe of homepage. It serves as base to the webpage. The homepage consists of a navigation bar, a title homepage and four images which links to the respective pages. The images were made circle using syntax 'circle'.

Portfolio

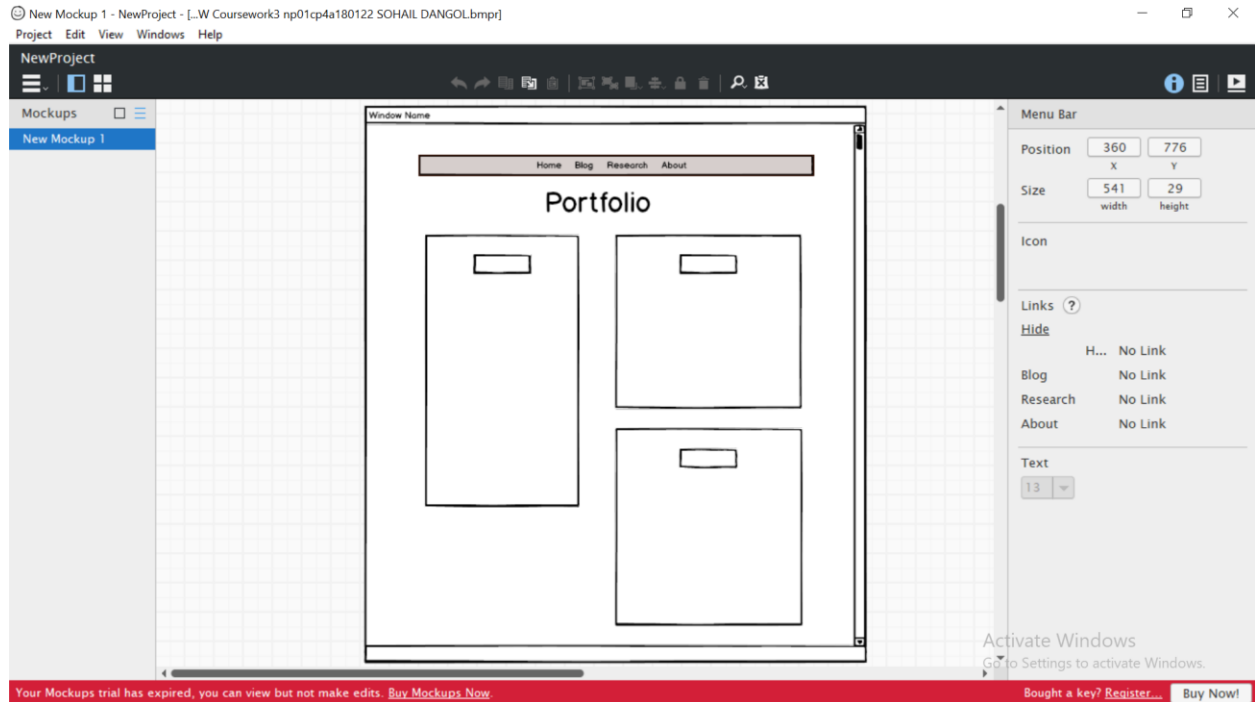


Figure 3: wireframe for portfolio

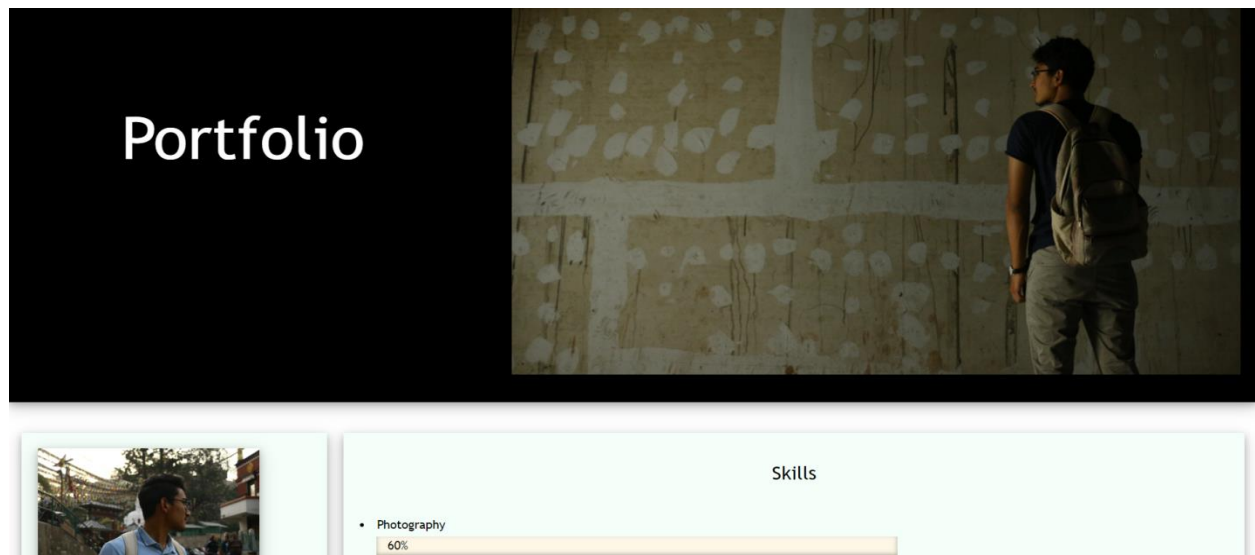


Figure 4: webpage for portfolio

This is the second webpage and portfolio. It contains my personal informations and skills. It also contains an image slider.

Blog

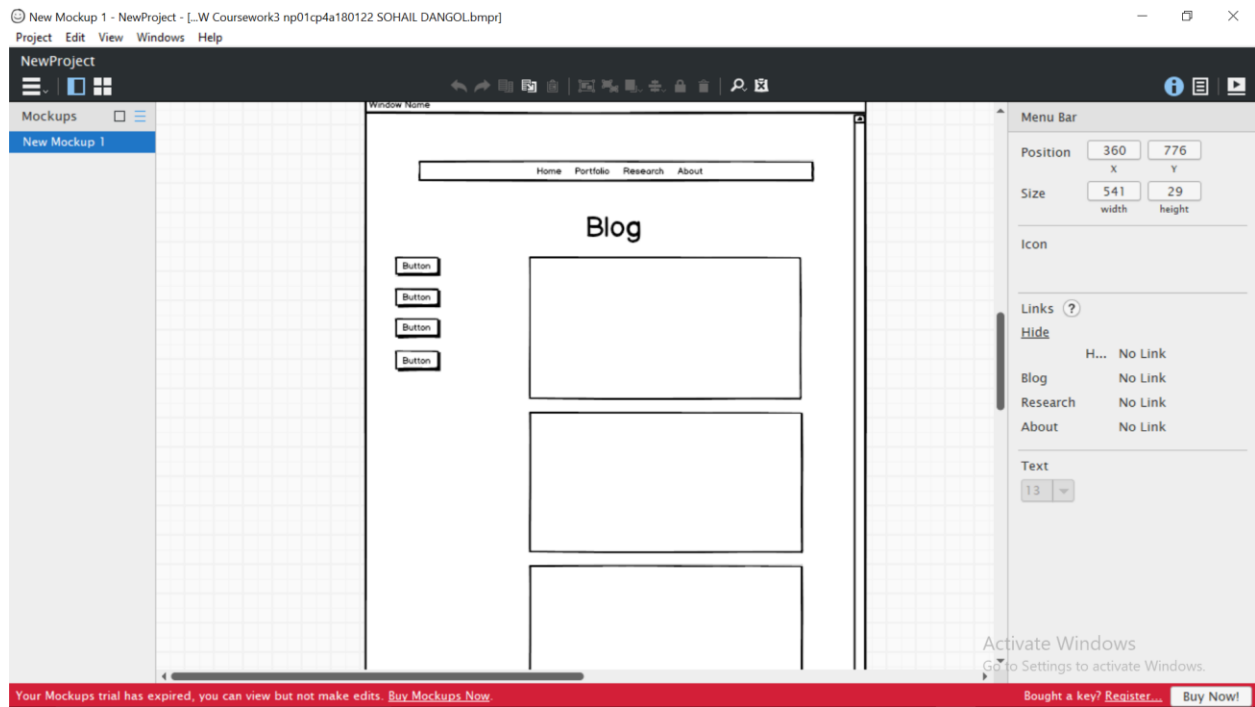


Figure 5: image 1 for wireframe of blog

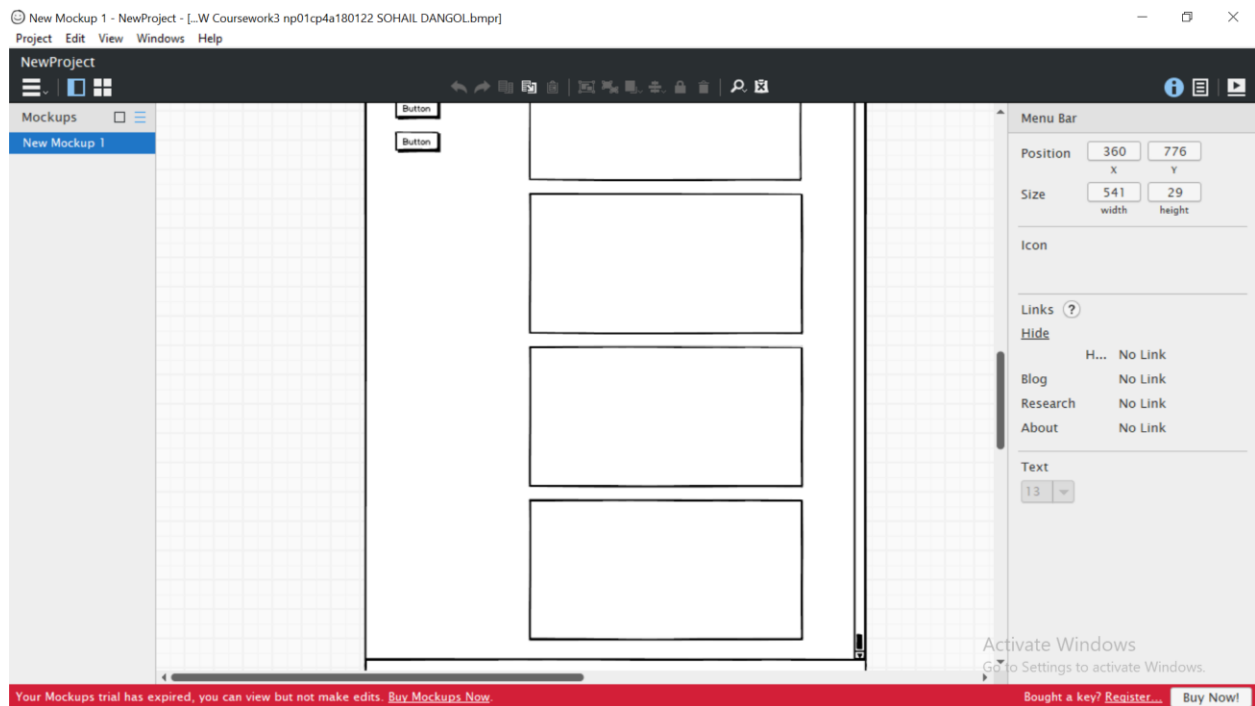


Figure 6: image 2 for wireframe of blog

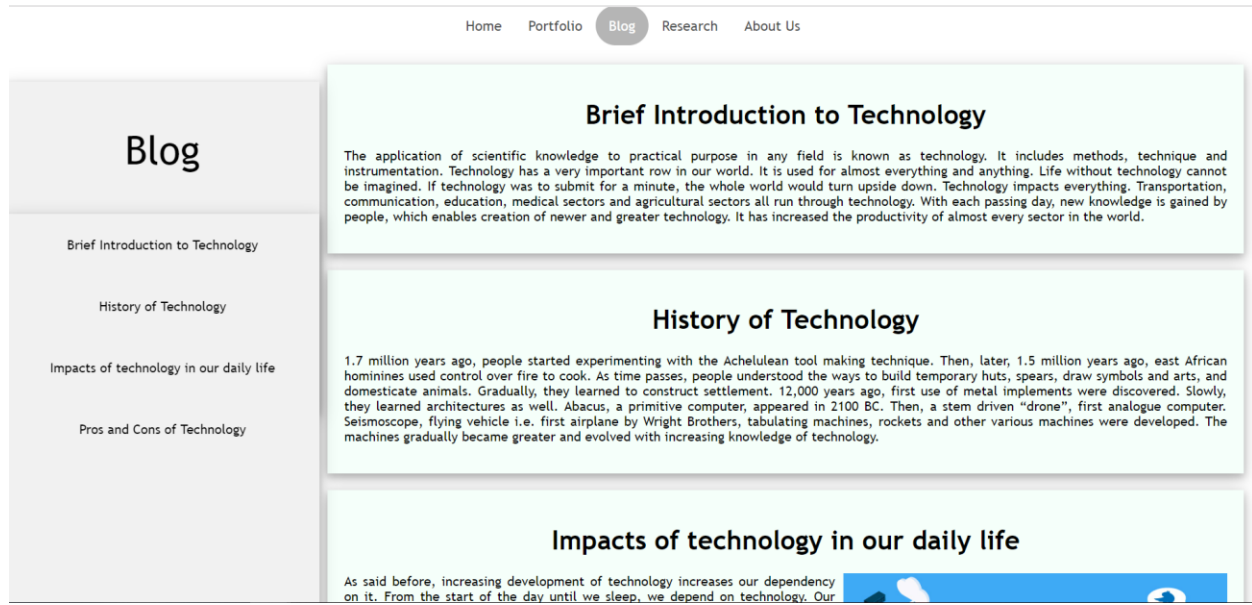


Figure 7: webpage for blog

Blog is the third webpage of my website. It contains many informations about technology.

Research

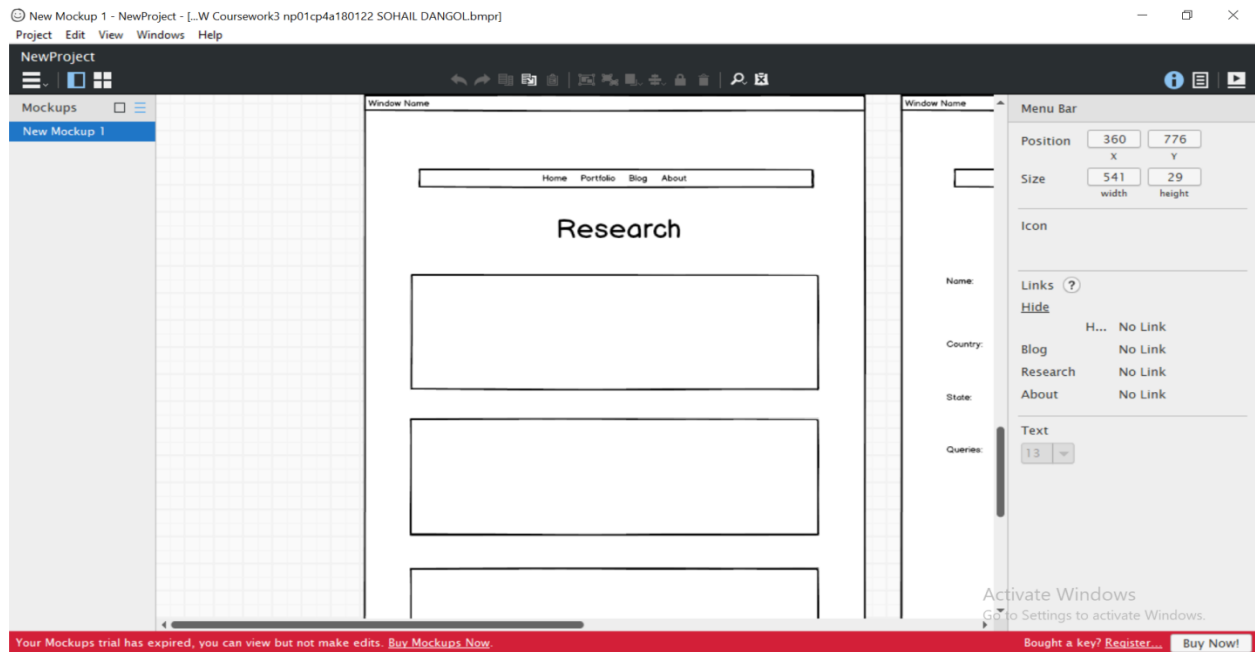


Figure 8: image 1 for wireframe of research

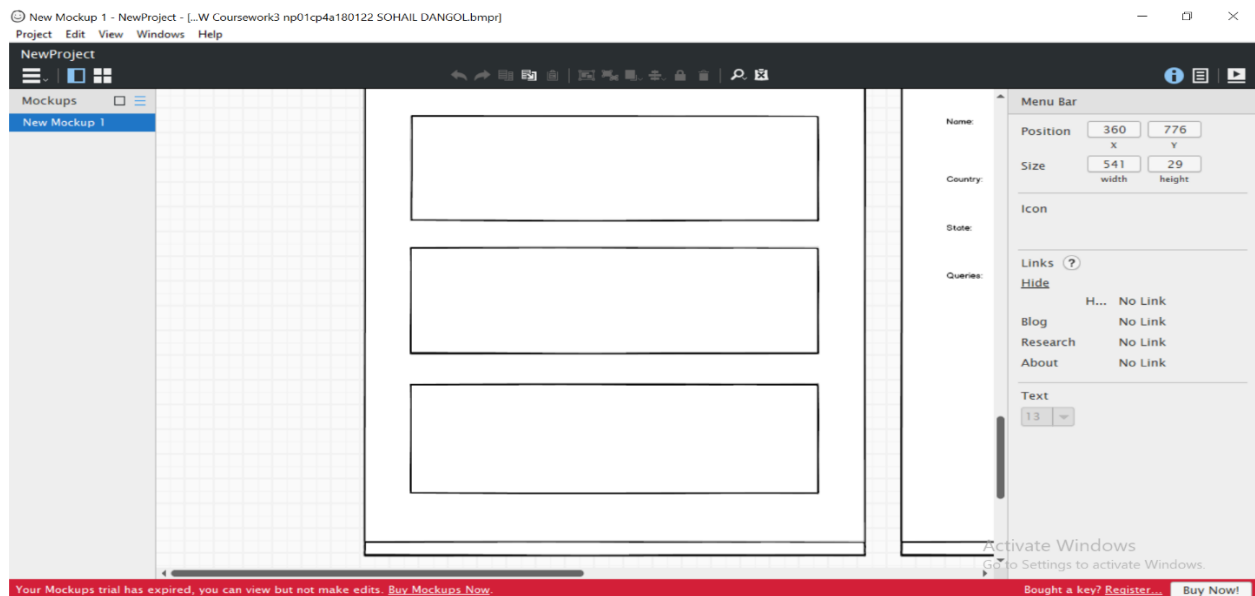


Figure 9 image 2 for wireframe of research

Research is the fourth webpage. It contains the websites that I took inspirations from while doing this coursework.

Contact

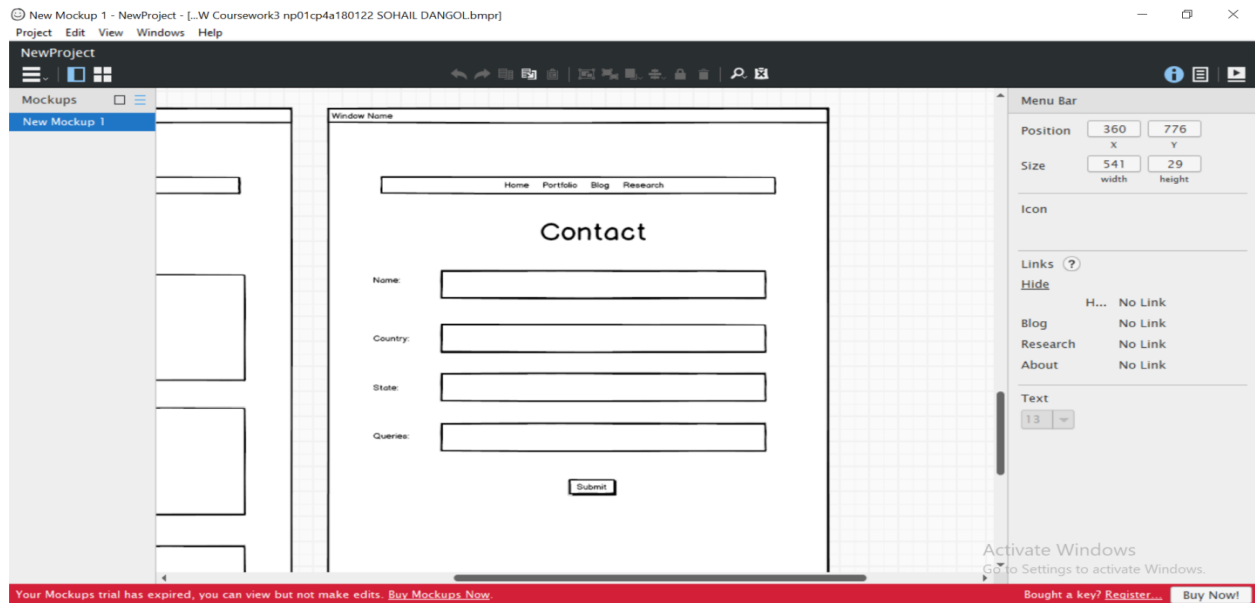


Figure 10: image 1 for wireframe of contact

Figure 11: image 2 for wireframe of contact

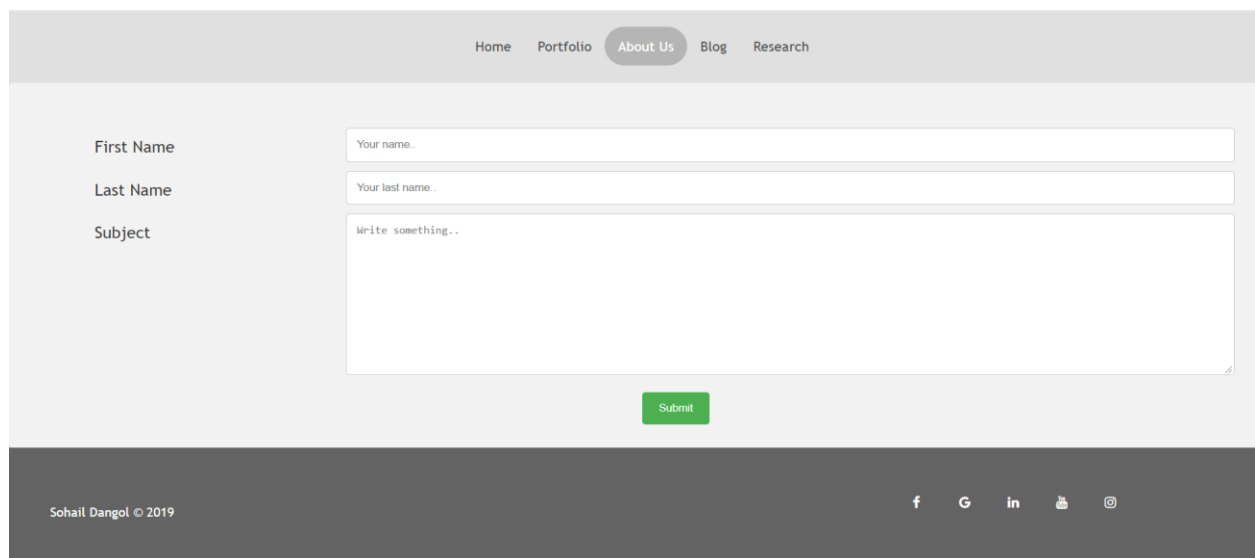


Figure 12: webpage for about

This is the last page of my website. From here, you can fill up a form and contact me.

Testing

Test 1:

Objective	Making the buttons hover when the pointer is above the button.
Expected result	The button must change color when pointer is above them.
Actual Result	The button hovers when the pointer is above it
Conclusion	Test successful

The image shows a web form interface. At the top is a navigation bar with links: Home, Portfolio, About Us (highlighted), Blog, and Research. Below the navigation bar is the form area. On the left, there are labels for 'First Name', 'Last Name', and 'Subject'. To the right of these labels are input fields. The 'First Name' field contains the placeholder text 'Your name..'. The 'Last Name' field contains the placeholder text 'Your last name..'. The 'Subject' field is a larger text area containing the placeholder text 'Write something..' and a small cursor icon at the bottom right. Below the input fields is a green 'Submit' button. At the bottom of the page is a dark gray footer. On the left side of the footer, it says 'Sohail Dangol © 2019'. On the right side, there are social media icons for Facebook, Google+, LinkedIn, YouTube, and Instagram.

Figure 13: the buttons hover.

Test 2:

Objective	To make the picture change itself
Expected result	The image must change itself
Actual Result	The image changes itself
Conclusion	Test successful



Figure 14 image changed

Test 3

Objective	To display message when submit button is clicked
Expected result	The message must display when submit button is clicked
Actual Result	The message is display when submit button is clicked
Conclusion	Test successful

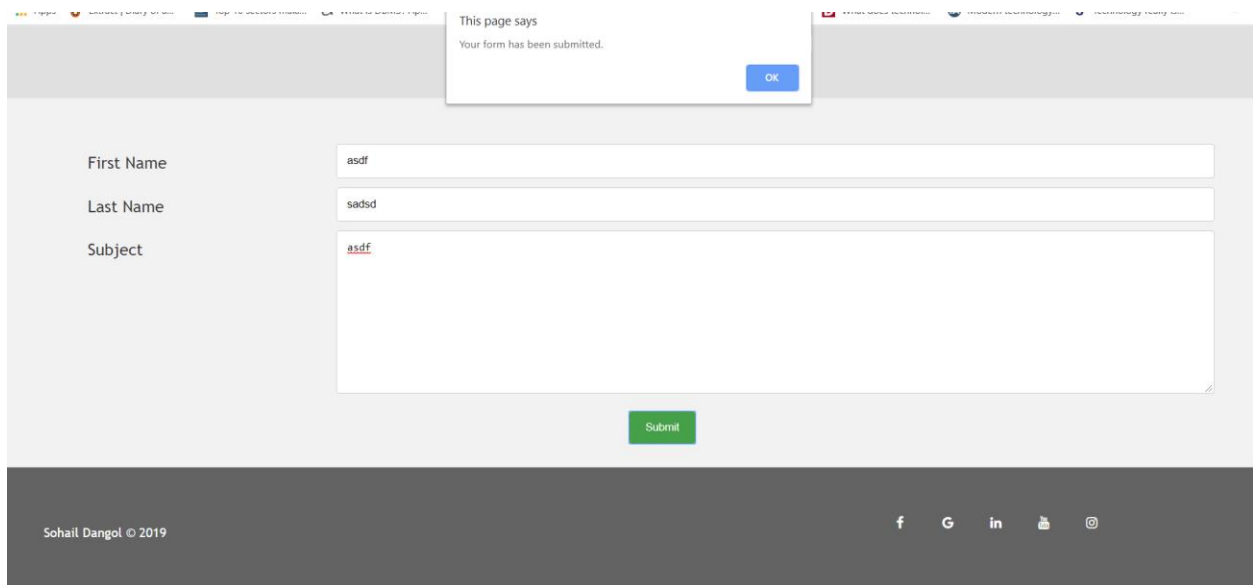


Figure 15 message is displayed

Test 4

Objective	To display message if nothing is entered
Expected result	The message must be displayed is submit button is clicked without any data
Actual Result	The message is displayed is submit button is clicked without any data
Conclusion	Test successful

The screenshot shows a web browser window with a form. The form has three input fields: 'First Name' with placeholder 'Your name..', 'Last Name' with placeholder 'Your last name..', and 'Subject' with placeholder 'Write something..'. A green 'Submit' button is at the bottom. A modal message box is displayed, stating 'This page says' and 'Please do not leave any text feild empty' (note the typo 'feild'). The footer contains 'Sohail Dangol © 2019' and social media icons for Facebook, Google+, LinkedIn, YouTube, and Instagram.

Figure 16: message displayed when nth is entered

Conclusion

After loads of research, discussion with tutor, failures in between, the project was completed. I had knowledge on web designing with HTML, CSS and JavaScript. But the coursework helped me learn web designing in deeper sense. I knew that the project would be challenging and I enjoyed designing every bit of my website. I am proud of how the website turned out to be. The project provided me with an opportunity to test my skills and ability.

Lecture, tutorial and lab classes had taught me a lot about website designing. However, researches which I explored, taught me to think out of box. The more the research, I came up with better ideas to improve my portfolio website. Websites such as W3 schools, stack overflow, CSS tricks helped me put my ideas into practical practice.

Coding using the codes of HTML, CSS and JavaScript made the project a successful one. HTML is easy to learn and use. It is supported by every browser and is easy to download. The codes can be easily modified. Changing one or two codes can change the whole look of the website or can just make minor changes; it all depends on the code and the way you want to change it.

CSS is easy to learn and helps produce better and cleaner code as we won't be applying all the styles directly to HTML. CSS too is easier to maintain and update. Similar to HTML, alight change in code in CSS can change the whole look to website or can just make minor changes. It has more formatting options.

JavaScript is easy language to learn and offers syntax that is close to English (Spencer, 2017). It is fast for end users. JavaScript is platform independent i.e. any JavaScript code can be executed on different types of hardware a JavaScript program written for.

Hence, by applying codes on HTML, CSS and JavaScript, my website was completed.

References

bartleby. (2018) *bartlyby* [Online]. Available from:

<https://www.bartleby.com/essay/Website-Design-F373MPZVJ> [Accessed 7 May 2019].

Spencer, J. (2017) *markupbox* [Online]. Available from:

<https://www.markupbox.com/blog/advantages-of-javascript/> [Accessed 7 May 2019].