Module Code & Module Title

CC4057NI Introduction to Information Systems

Assessment Weightage & Type 40%

Individual Coursework

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1. Introduction

The third assignment in the module Introduction to Information Systems is as follows. It is worth a total of 40% of total grade. We must use html, css, and javascript to develop a portfolio website with five sites for this assignment. A home website, a CV page, a blog page, a research page, and a contact us page are the five webpages we should construct.

The websites should have a consistent navigation bar that allows the user to browse to all areas of the page. To complete the objective, we'll need to use HTML5, CSS3, and JavaScript. HTML tags should be used correctly. Inline, internal, and external CSS, as well as internal and external javascript, should all be utilized.

2. Discussion

The website I'm building is a portfolio site with a total of five web pages. A home page, curriculum vitae, blog page, research page, and feedback page are all included. The navigation bar is located in the upper portion of the page. A navigation bar is used to link the sites together, making it easier to browse from one page to the next. In the body of my Home page, there is very little information on all of the sites. The footer includes the student's name, as well as a copyright sign.

The curriculum vitae (CV) page provides all of a student's information, including an introduction to, all of their academic records, past tasks completed, and some of their interests. A blog on "Photography" may be found on the blog page. This page contains some details of photography and its history and how it was first invented. CSS (Cascading Style Sheets) is a well-designed language that makes the process of making web pages presentable much easier. Styles may be applied to web pages using CSS. More crucially, CSS enables you to do so without relying on the HTML code that underpins every online page. JavaScript is a client-side programming language with a lot of power. JavaScript is mostly used to reinforce a person's interaction with a site. In other words, you may use JavaScript to make your website more vibrant and dynamic. In addition to game creation and mobile application development, JavaScript is widely utilized.

During the creation of this website, I developed four files. The CSS file is the first one. This folder contains all of the code for my web sites. I made this file so I wouldn't have to redo the same style codes over and over. Externally, internally, and inline, I used CSS. External coding

was used for repeating code, internal coding was used for certain areas of the sites, and inline coding was used to update the border.

For the coding portion of this project, I used Visual Studio Code. Because it is more user-friendly and convenient than other text editors. Visual Studio Code is a code editor that is both powerful and simple to use. It supports a wide range of programming languages, is highly customizable with a variety of extensions, and is completely free. I also used Balsamic and MS word to complete this project because they are very easy and convenient to use.

3. WIRE FRAMES

Home page:

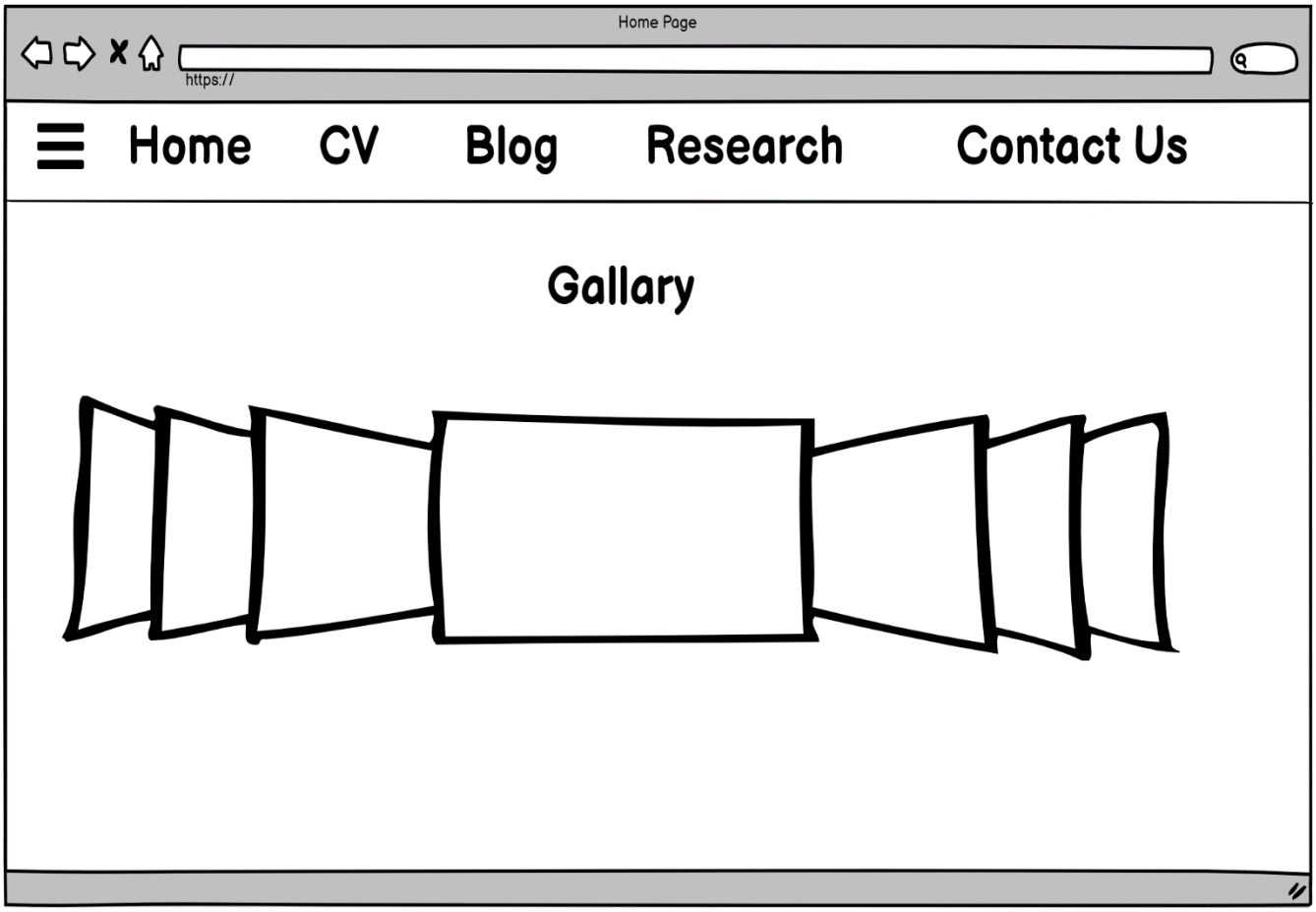


Fig1: Wireframe of Home page

CV Page:

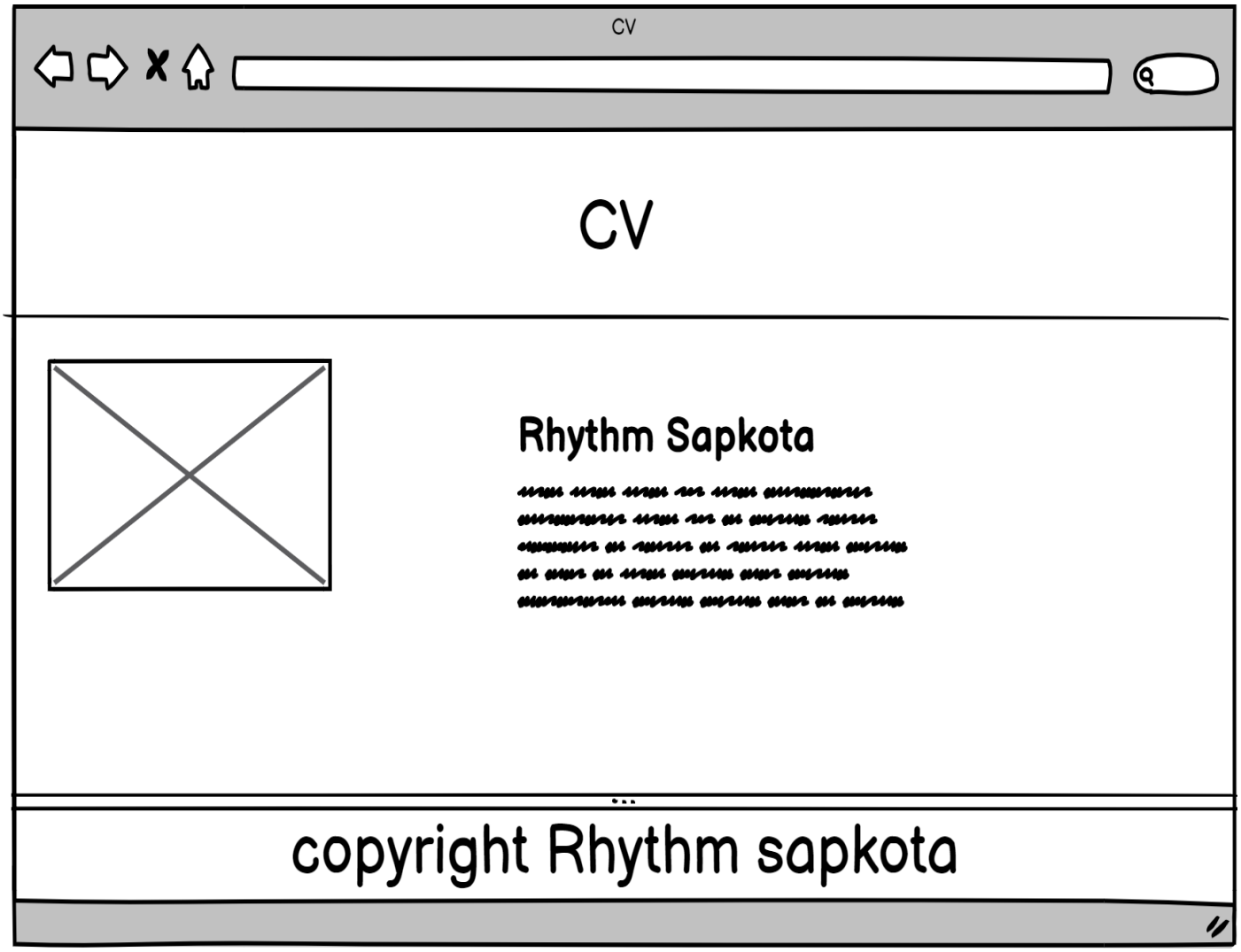


Fig2: Wireframe of CV Page

Research page:

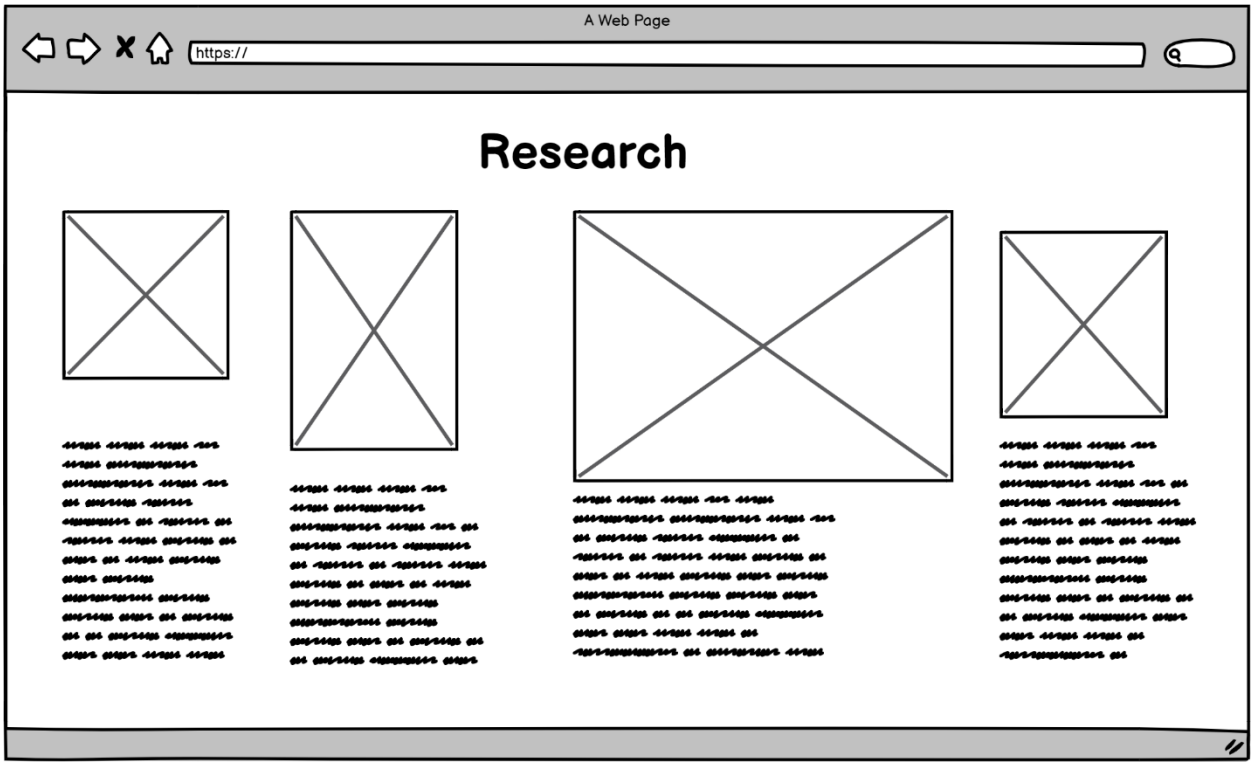


Fig3: Wireframe of Research page

Blog page:

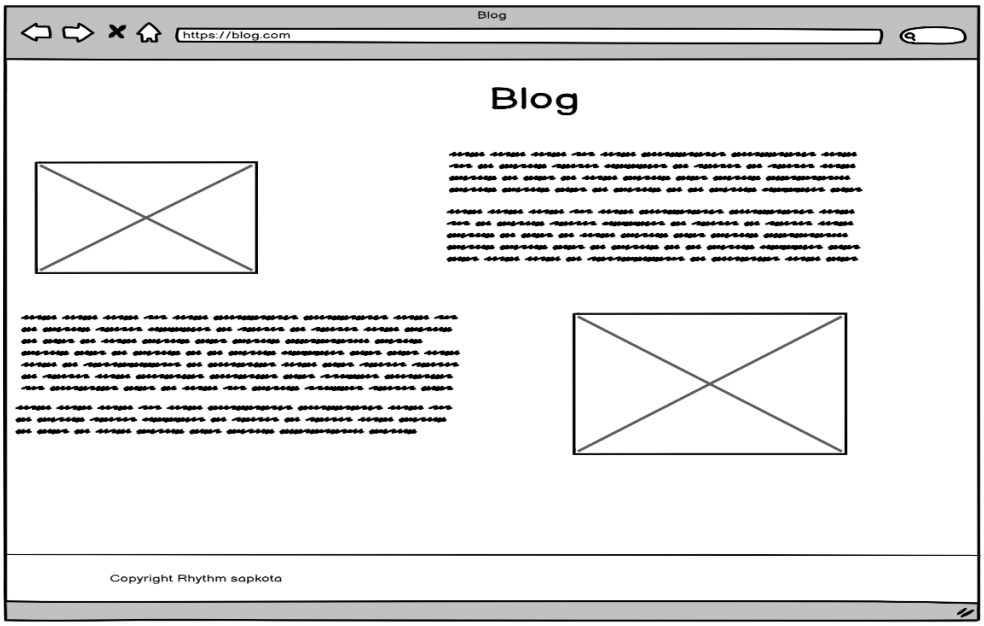


Fig4: Wireframe of blog page

Contact us Page:

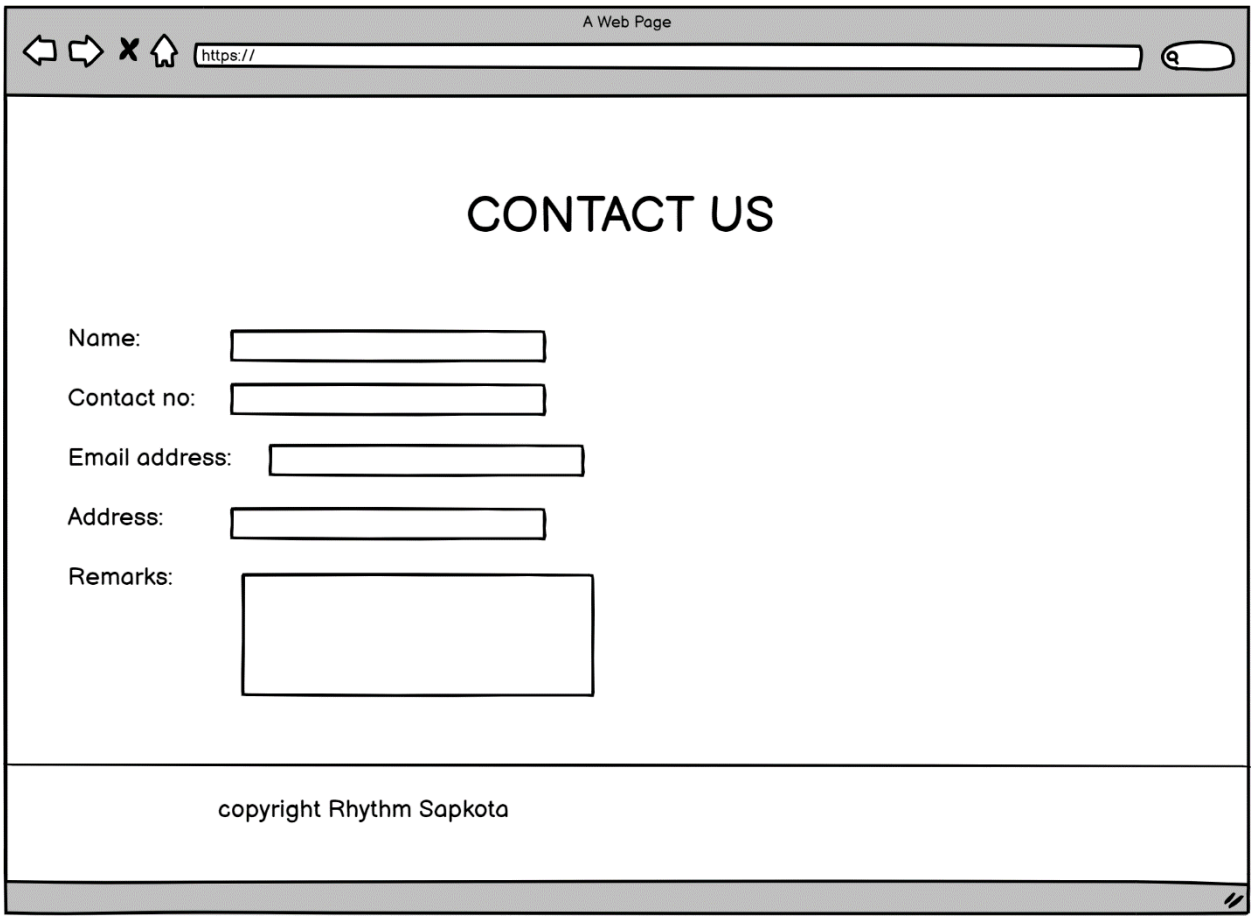


Fig5: Wireframe of contact us page.

4. Testing

4.1 Test 1

Objective	To open image in full screen.
Action	The image when selected will open in a new window in a full screen.
Expected result	The image will open in a new window in full screen.
Actual result	The image did open in a full screen.
Test Result	Successful.

Table 1: Test 1

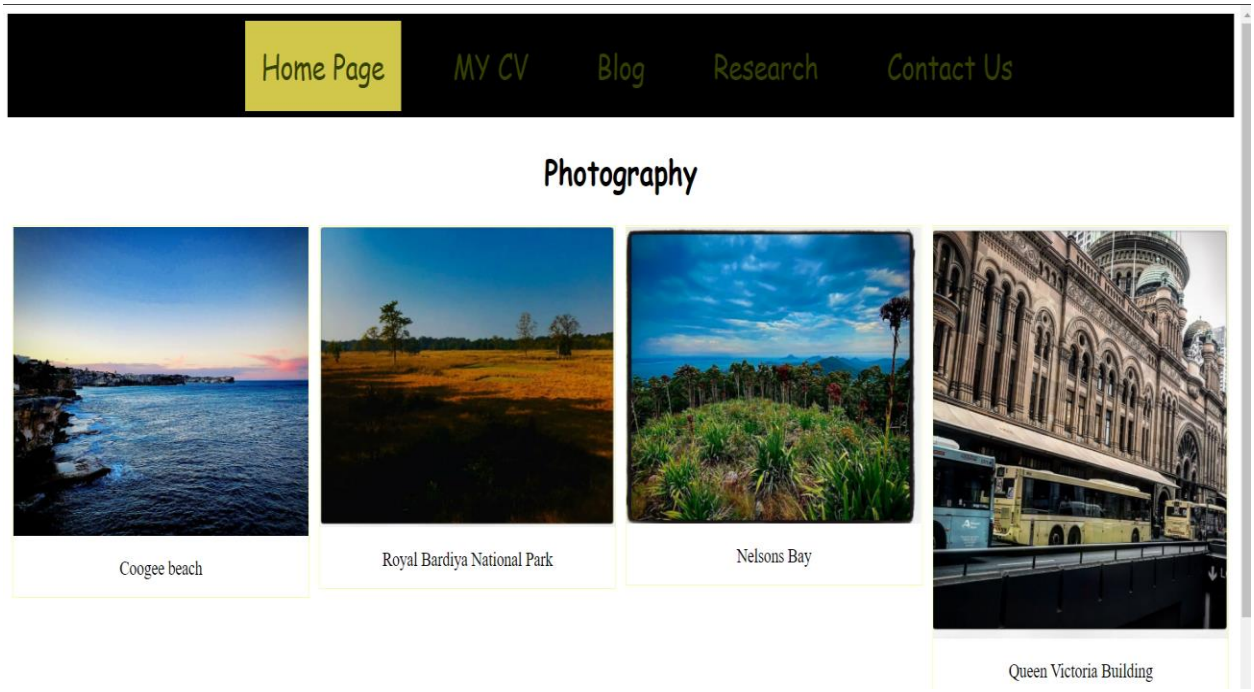


Fig6: SS of image before selecting.

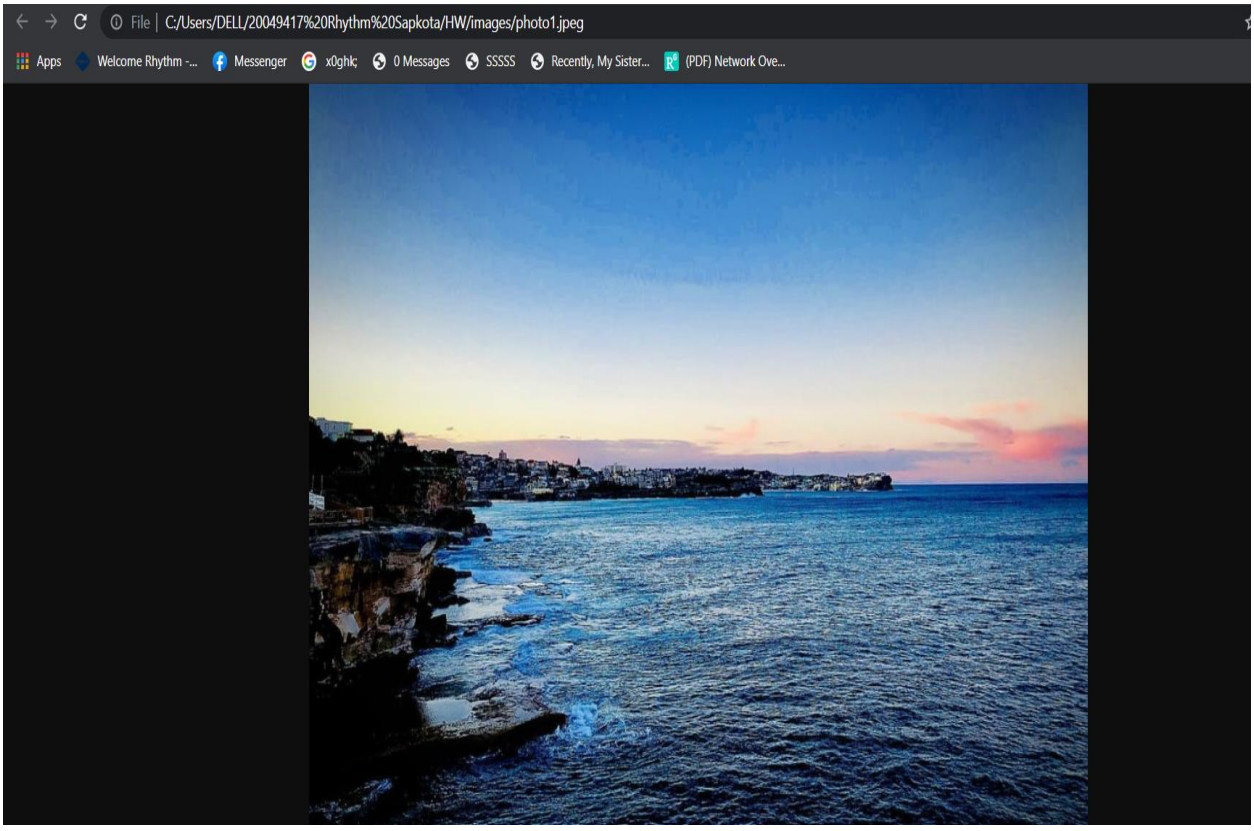


Fig7: SS of image after selecting it.

4.2 Test 2

Objective	To test the dynamic of the time.
Action	The time in the blog should be dynamic. It should be increasing.
Expected result	The second value changes every second.
Actual result	The second value did change.
Test Result	Successful.

Table: test 2

Fig8: First Screenshot of Dynamic Time

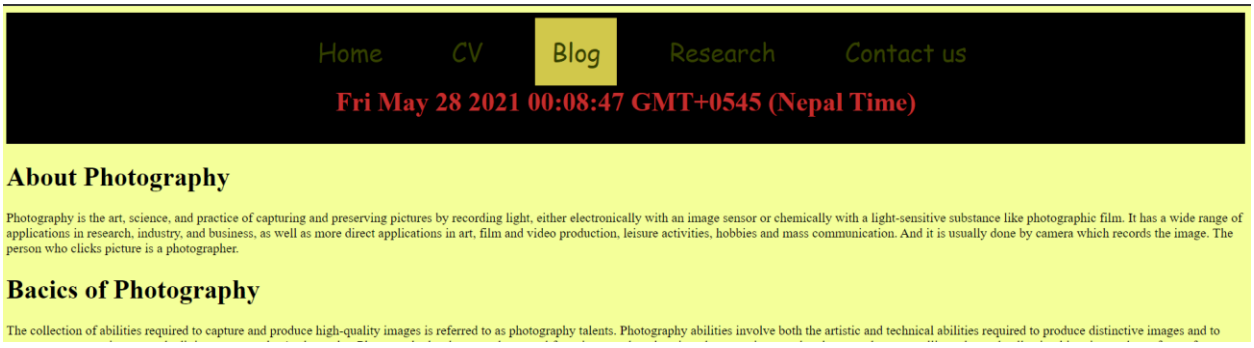
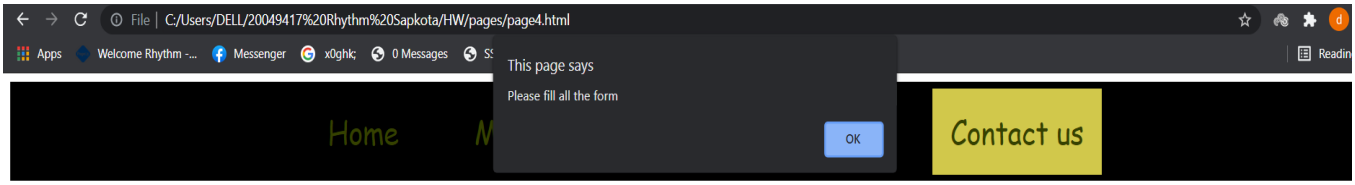


Fig9: Final Screenshot of Dynamic Time

4.3 Table 3

Objective	When the form isn't filled out, the error box appears.
Action	Do not fill in one of the empty text boxes.
Expected result	An error message should be shown saying to fill the form.
Actual result	The error message was shown.
Test Result	Successful.

Table 3: Test 3



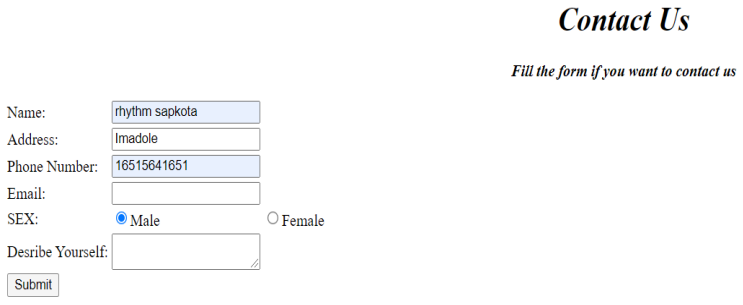


Fig10: Screenshot of error message.

4.4 Table 4

Objective	To test the hover effect in the navigation bar.
Action	The color of the navigation bar should change when the mouse is hovering over it.
Expected result	The color of the navigation bar will change when hovered over.
Actual result	The color did change.
Test Result	Successful.

Table 4: Test 4

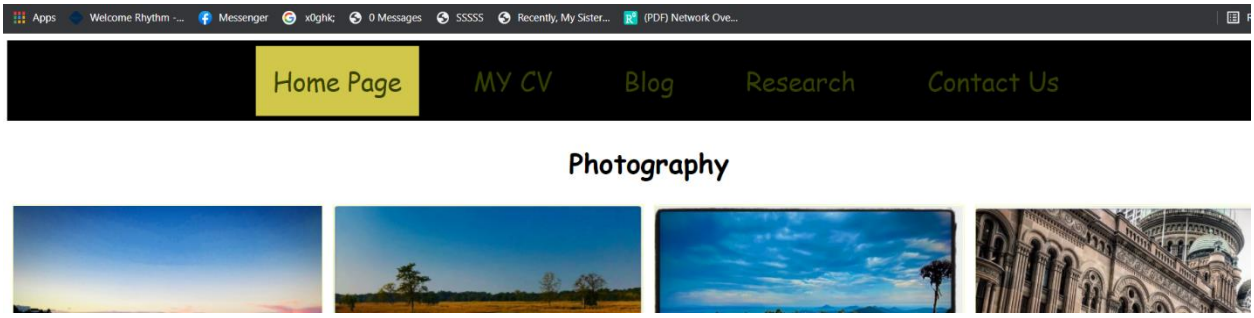


Fig11: Screenshot Before hovering effect.

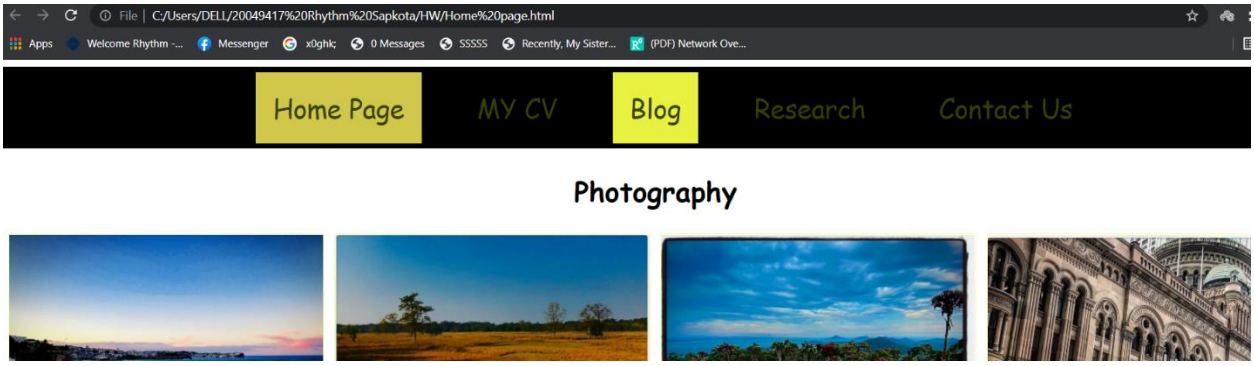


Fig12: Screenshot After hovering effect.

4.5 Test 5

Objective	To show thank u responsive message after filling up the submission form.
Action	Fill up all the empty text boxes of the form.
Expected result	A thank u message should apper.
Actual result	A responsive message saying thank u appears on the top of screen.
Test Result	Successful.

Table 5: Test 5

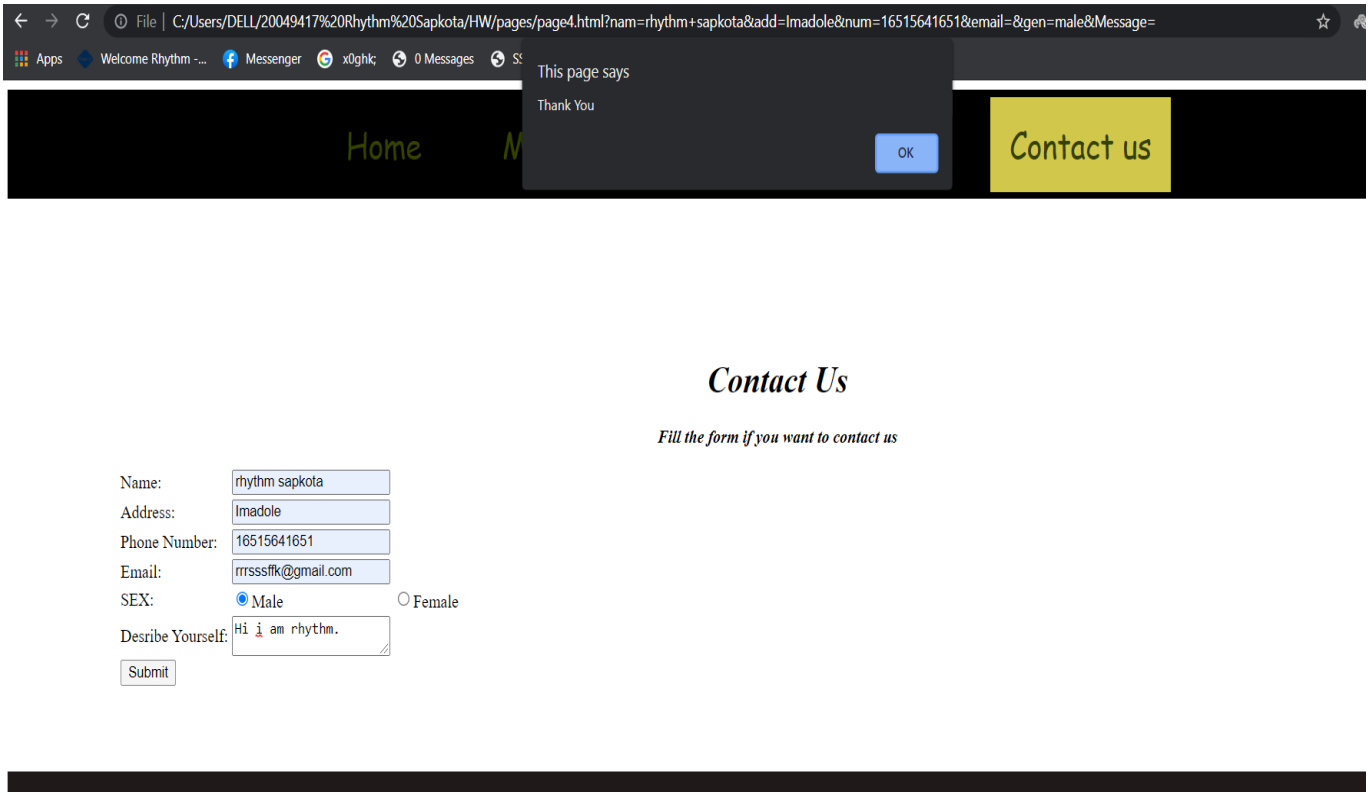


Fig13: Screenshot of Thank You message after filling form.

5. Conclusion

I gained some basic understanding in site design utilizing HTML, CSS, and Javascript as a result of this assignment. To construct this project, I utilized Visual Studio Code, Balsamiq, and Microsoft Word. This project has given me hands-on experience with HTML, CSS, and JavaScript. This project incorporates all of the material covered in our web design course. As a result, I believe this initiative will be beneficial in the approaching days.

Despite the several difficulties that arose through the course of this assignment, I absolutely loved it. I feel great knowing how to design web pages now that I've finished it, and I'm confident that this will help me construct additional websites in the future.

We had to construct five sites for the project: home, CV, blog, research, and contact us. I maintained the photographs I took on the front page, and in the CV, I made a simple CV structure and filled in my personal information. I talked about photography and its basic history on my blog.

References

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