



slington college
(इस्लिङ्टन कलेज)

Module Code & Module Title

CC4057NI Introduction to Information Systems

Assessment Weightage & Type

40% Individual Coursework

Year and Semester

2019-20 Autumn

Student Name: Azan Ahmed Siddique

Group: C3

London Met ID: 19030779

College ID: NP01CP4A190120

Assignment Due Date: 17th January 2020

Assignment Submission Date: 17th January 2020

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.

CONTENTS

INTRODUCTION.....	1
Goals and Objectives.....	1
Discussion and Analysis	2
Selected Text Editor.....	2
Tool used to create wireframe.....	2
Web Pages.....	2
1. Home Page	2
2. CV	4
3. Blog.....	6
4. Research	8
5. Contact.....	11
Testing	13
Test 1	13
Test 2	14
Test 3	15
Test 4	16
Test 5	16
Test 5.1	16
Test 5.2	18
Conclusion.....	19
Bibliography	20

LIST OF FIGURES

<i>Figure 1: Screenshot of Home page</i>	<i>3</i>
<i>Figure 2: Wireframe for home page</i>	<i>4</i>
<i>Figure 3: Screenshot of CV page</i>	<i>5</i>
<i>Figure 4: Wireframe for CV page.....</i>	<i>6</i>
<i>Figure 5: Screenshot of Blog page.....</i>	<i>7</i>
<i>Figure 6: Wireframe for blog page.....</i>	<i>8</i>
<i>Figure 7: Screenshot of Research page.....</i>	<i>9</i>
<i>Figure 8: Wireframe for research page.....</i>	<i>10</i>
<i>Figure 9: Screenshot of Contact page</i>	<i>11</i>
<i>Figure 10: Wireframe for contact page</i>	<i>12</i>
<i>Figure 11: Screenshot of the page at the start</i>	<i>13</i>
<i>Figure 12: Screenshot of page after 3 seconds</i>	<i>13</i>
<i>Figure 13: Sending message</i>	<i>14</i>
<i>Figure 14: Alert Box</i>	<i>14</i>
<i>Figure 15: Sending message with an empty field</i>	<i>15</i>
<i>Figure 16: Alert box.....</i>	<i>15</i>
<i>Figure 17: Nav Hover Effect</i>	<i>16</i>
<i>Figure 18: Clicking on the blog link</i>	<i>17</i>
<i>Figure 19: Blog page of the same website.....</i>	<i>17</i>
<i>Figure 20: Clicking on the here link.....</i>	<i>18</i>
<i>Figure 21: An entirely new website is opened</i>	<i>18</i>

INTRODUCTION

This project is about creating a portfolio website. This will test the student's ability to design a website using appropriate tools and technologies, use scripting languages like JavaScript in our web pages and have an understanding of the structure of the website and navigation rules. The project will contain 5 web pages which will contain the following pages:

1. Home

→ This page will contain basic information about the other pages.

2. CV

→ The about page will contain a short introduction of the developer of the website and also a link to his CV page that will open up in a new tab.

3. Blog

→ This page will contain a blog on the topic "Effect of technology in our daily life".

4. Research

→ This page will contain information on the websites that were used as reference while creating the portfolio and also how the user implemented it.

5. Contact

→ This page contains a form that can be user to get in touch with the developer.

Goals and Objectives

The goal is to complete this project by creating a website that is easy to navigate and pleasing to the eye of the user and also create a wireframe for the website. It can be done by using different styling and properly placing the elements in a way that will make the web page look good and appealing to the user. It can be done by styling them with the help of css. There will also be a navigation bar to help the user move from one page from another. The website will be created using HTML5, which is the 5th and final version of HTML(Hyper Text Markup Language, and css will be used to style it. The text editor that will be use for creating our website is Sublime Text. For creating the wireframe, a program called Balsamiq Mockups will be used.

Discussion and Analysis

Selected Text Editor

Sublime Text editor was used to create the portfolio website. It is a sophisticated text editor for code, markup and prose (Sublime Text, 2020).

Web and software developers use text editors to make code changes or start files from scratch using HTML, CSS, JavaScript, or any other programming language. If you don't know a file's format, you can open it with the text editor to view the source code. Text editors are also useful for removing formatting, font styles and hyperlinks from text. These tasks can be accomplished using the default text editors for Windows or Mac; however, if you're trying to create complex software or websites, a more advanced text editor can make the process much easier. (Arsenault, 2020)

Tool used to create wireframe

Balsamiq Mockups was used to create wireframe.

Balsamiq Mockups is a user interface design tool for creating wireframes (also called **mockups** or low-fidelity prototypes). You can use it to generate digital sketches of your product ideas to facilitate discussion and understanding before any code is written. The completed wireframes can be used for user testing, clarifying your vision, getting feedback from stakeholders, or getting approval to start development. The Balsamiq Wireframes editor interface is made up of five primary areas: the toolbar, the UI_Library, the canvas, the navigator_panel and the properties panel. (Balsamiq, 2020)

Web Pages

1. Home Page

The Home page contains a navigation bar on top that will help the user move from one page to another. and a background that includes a header containing the name of the page. It also contains four <div> element inside another <div>. They contains a little information about the CV, Blog, Research and Contact page and they also each have a link that will take the user to the actual page. At the bottom the page three is a footer. It contains copyright and the name of the developer and some navigational elements.

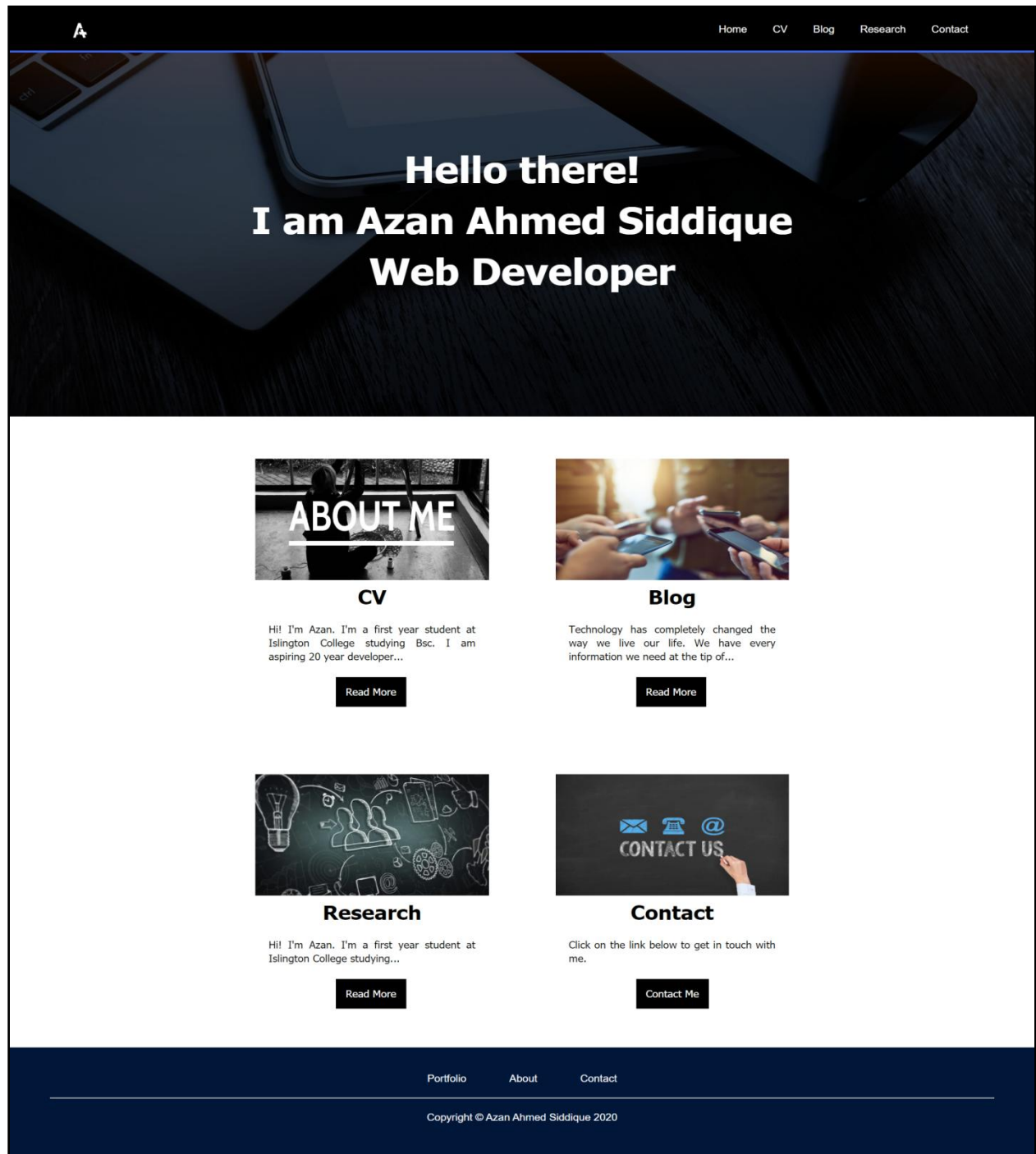


Figure 1: Screenshot of Home page

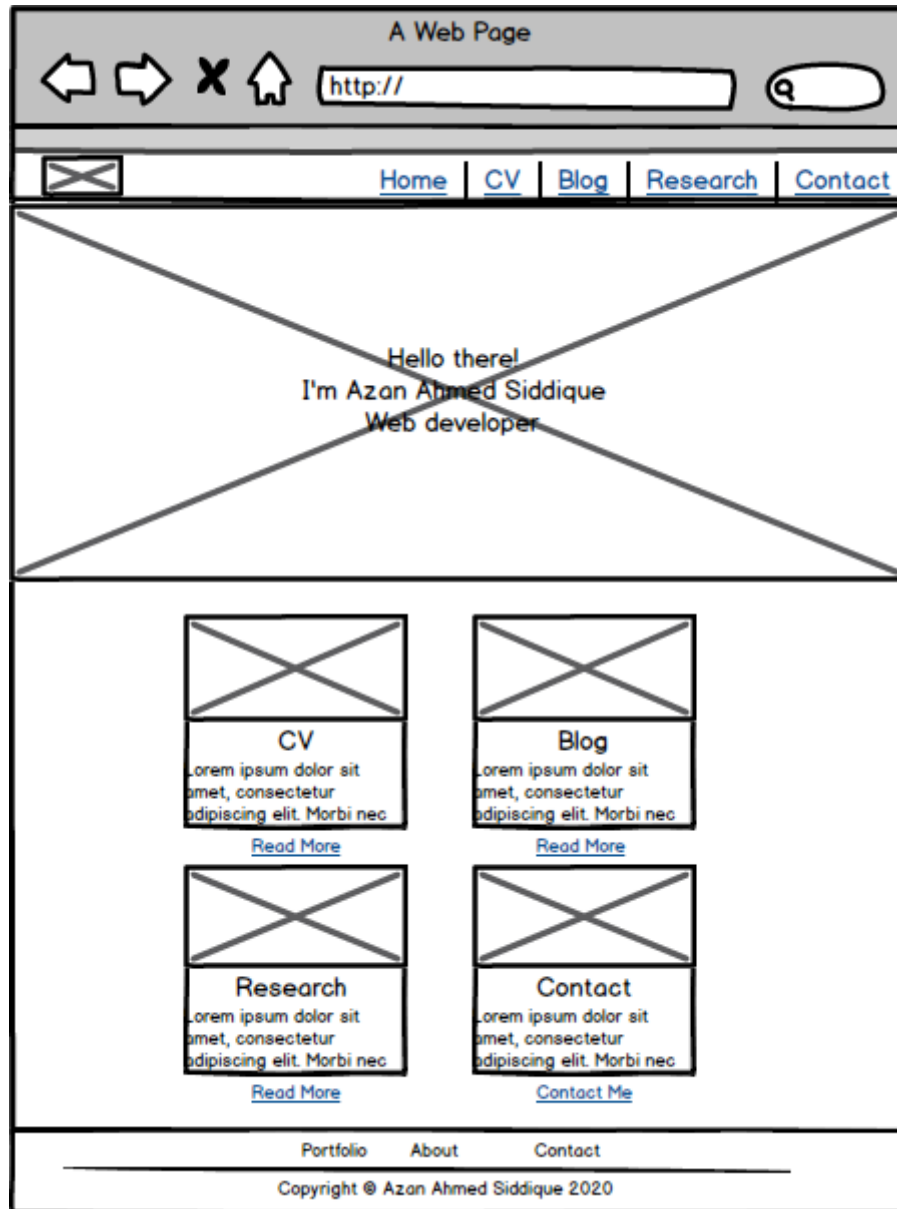


Figure 2: Wireframe for home page

2. CV

The CV page contains details about the developer and also includes a link that will take the user to another page that contains for information about the CV. It also contains a navigation bar on top that will help the user move from one page to another and a background that includes a header containing the name of the page. At the bottom of the page there is a footer. It contains copyright and the name of the developer and some navigational elements.

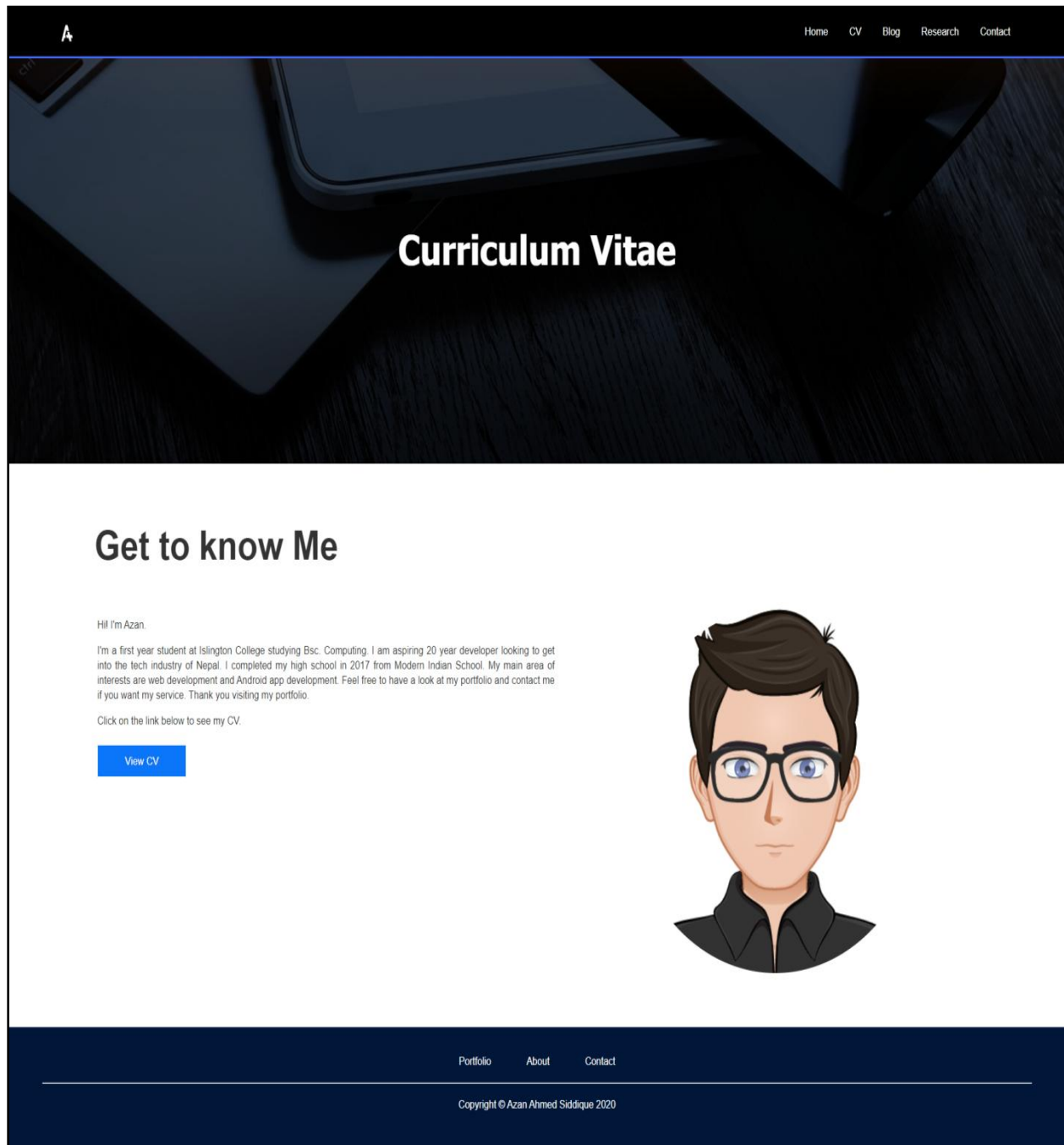


Figure 3: Screenshot of CV page

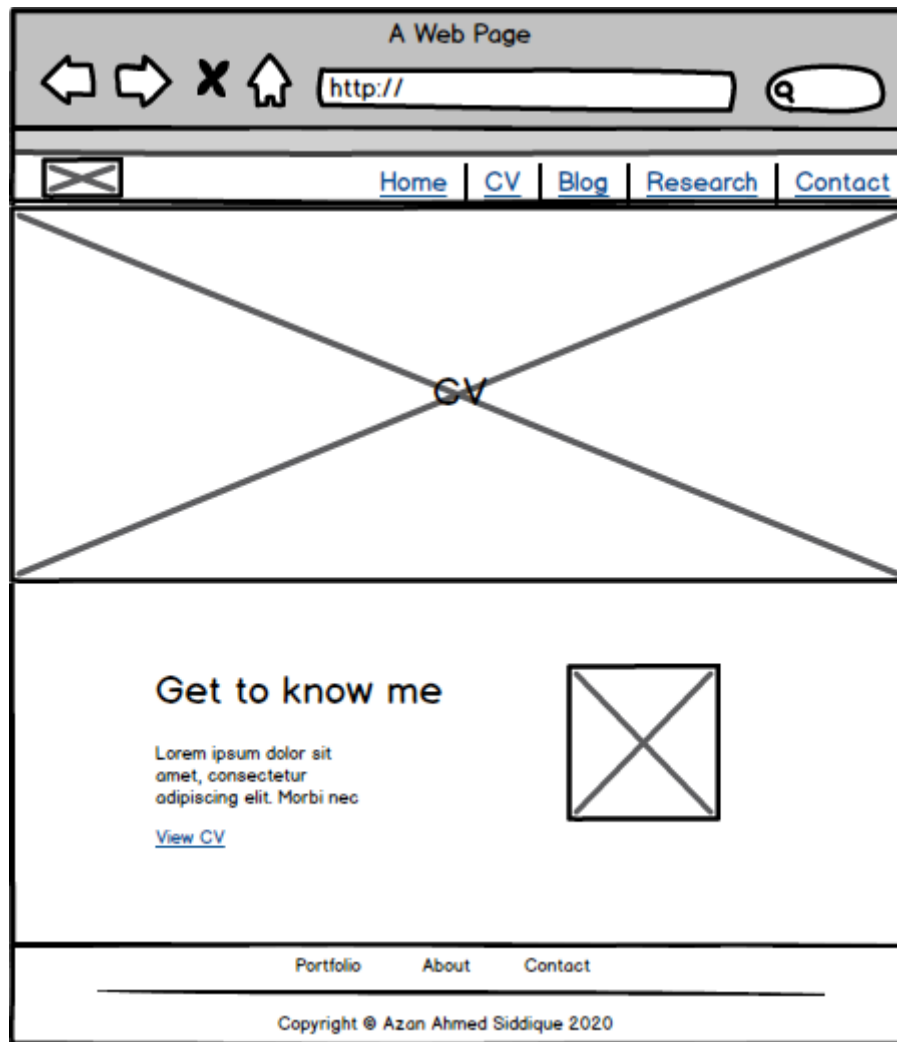


Figure 4: Wireframe for CV page

3. Blog

The blog page contains an article on the topic "Effects of technology on daily life". It also includes different images and an image slider that automatically cycles through images every three seconds. Like the rest of the pages, it also contains a navigation bar on top and a background that contains the header containing the name of the page. At the bottom the page three is a footer. It contains copyright and the name of the developer and some navigational elements.



Figure 5: Screenshot of Blog page

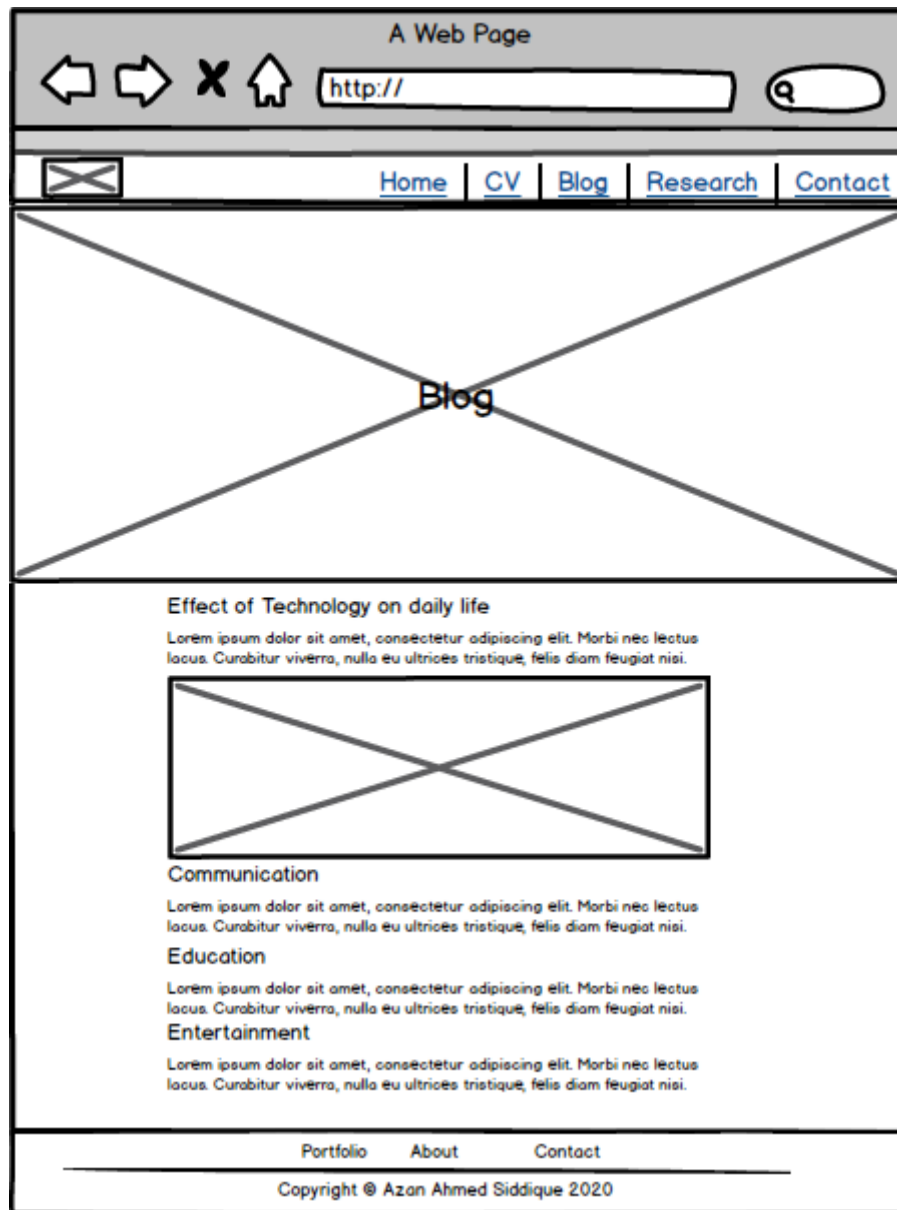


Figure 6: Wireframe for blog page

4. Research

The research page contains images and details about five websites that were used as reference while creating the portfolio and also how and what component or styling was implemented. It also contains a navigation bar on top and a background containing the header with the name of the page inside it. The footer at the bottom contains copyright and the name of the developer and some navigational elements.

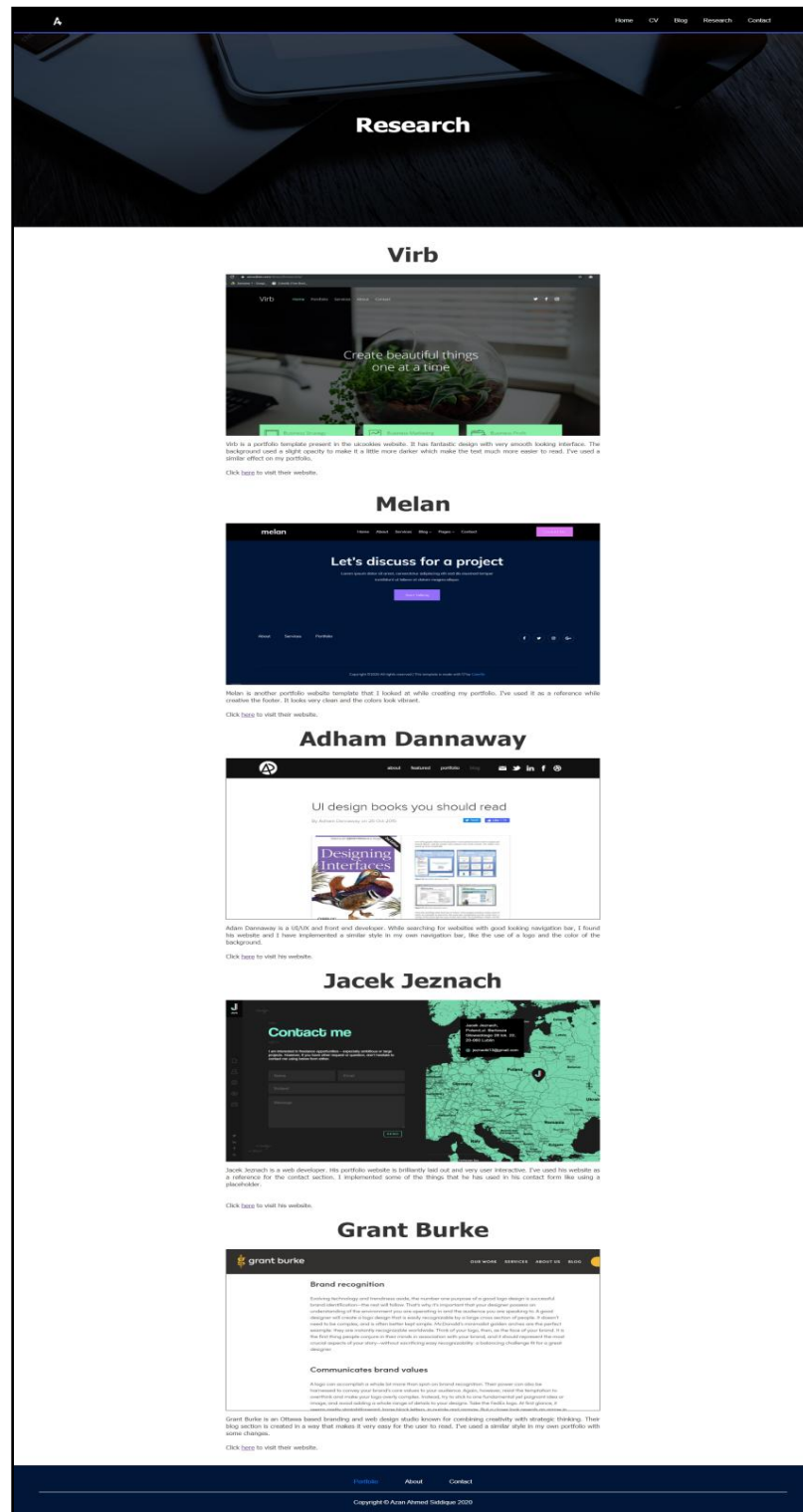


Figure 7: Screenshot of Research page

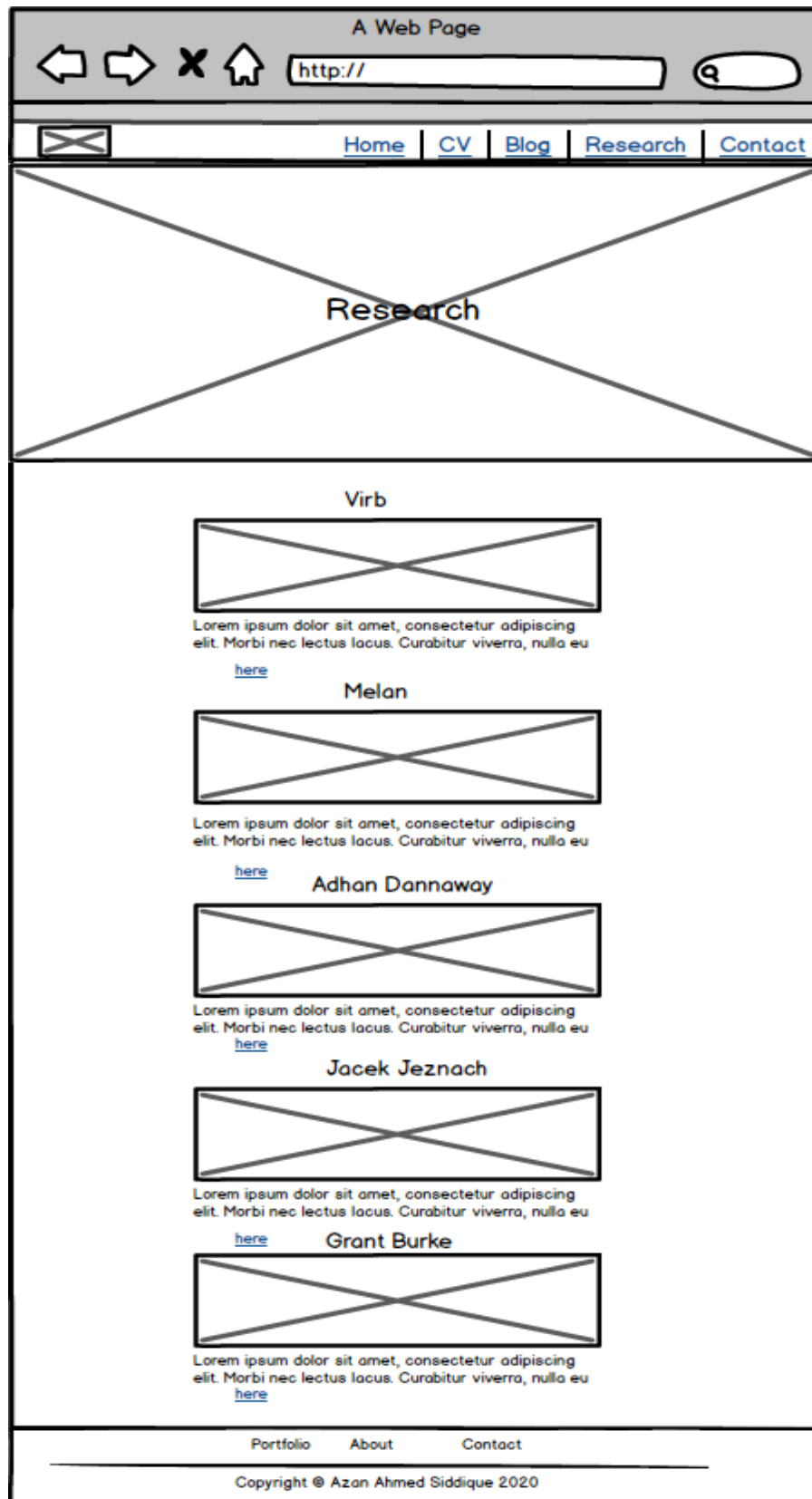
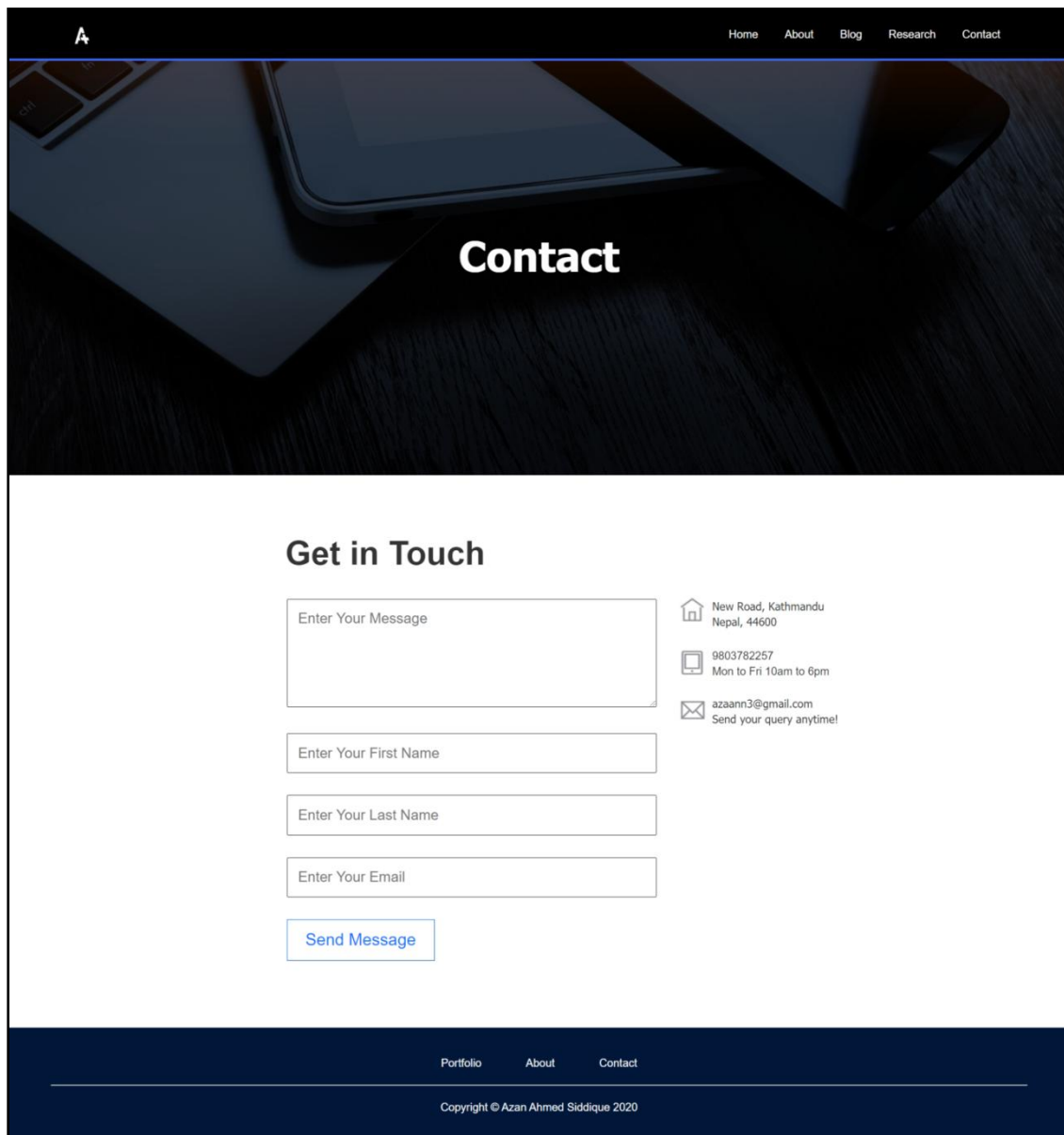


Figure 8: Wireframe for research page

5. Contact

The contact page contains a form that can be used to get in touch with the developer of the portfolio. The form used javascript to validate the form. If any field is left empty then the user cannot not send message to the developer. There is a navigation bar at the top and a background that includes a header containing the name of the page that the user in on. The footer at the bottom contains copyright and the name of the developer and some navigational elements.



The screenshot displays a web page titled "Contact". At the top, a dark navigation bar features a logo "A" and links for Home, About, Blog, Research, and Contact. The main header area has a dark background with a laptop and smartphone, and the word "Contact" in large white text. Below this, a white section titled "Get in Touch" contains a contact form with four input fields: "Enter Your Message", "Enter Your First Name", "Enter Your Last Name", and "Enter Your Email". A blue "Send Message" button is positioned below the email field. To the right of the form, contact details are listed with icons: a house icon for "New Road, Kathmandu Nepal, 44600", a phone icon for "9803782257 Mon to Fri 10am to 6pm", and an email icon for "azaann3@gmail.com Send your query anytime!". The footer is a dark blue bar with links for Portfolio, About, and Contact, and a copyright notice: "Copyright © Azan Ahmed Siddique 2020".

Figure 9: Screenshot of Contact page

The wireframe illustrates a web browser window titled "A Web Page". The address bar shows "http://". The navigation menu includes links for Home, CV, Blog, Research, and Contact. The main content area features a large "Contact" heading. Below this, there is a form with five input fields: "Enter your message", "Enter your message", "Enter your first name", "Enter your email", and "Send Message". To the right of the form, there are three placeholder text blocks, each preceded by a checkbox icon. The footer contains links for Portfolio, About, and Contact, along with a copyright notice: "Copyright © Azan Ahmed Siddique 2020".

A Web Page

http://

Home | CV | Blog | Research | Contact

Contact

Enter your message

Enter your message

Enter your first name

Enter your email

Send Message

Portfolio | About | Contact

Copyright © Azan Ahmed Siddique 2020

Figure 10: Wireframe for contact page

Testing

Test 1

Objective	Slideshow using javascript
Action	Slideshow
Expected Result	The image to change every 3 seconds
Actual Result	The image changes after 3 seconds
Test	Successful

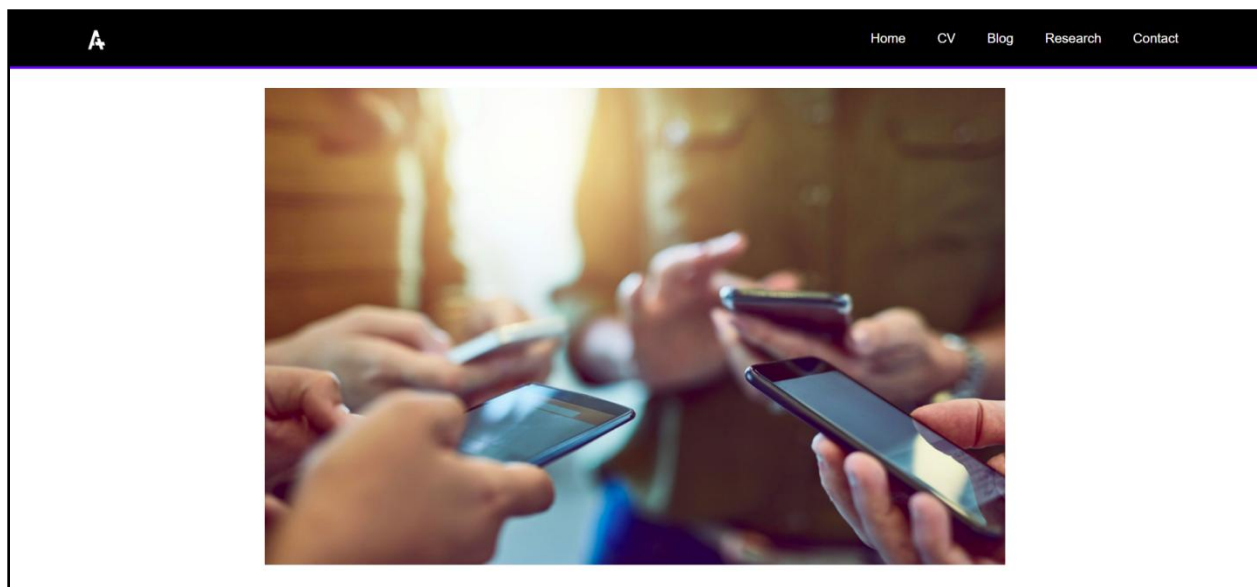


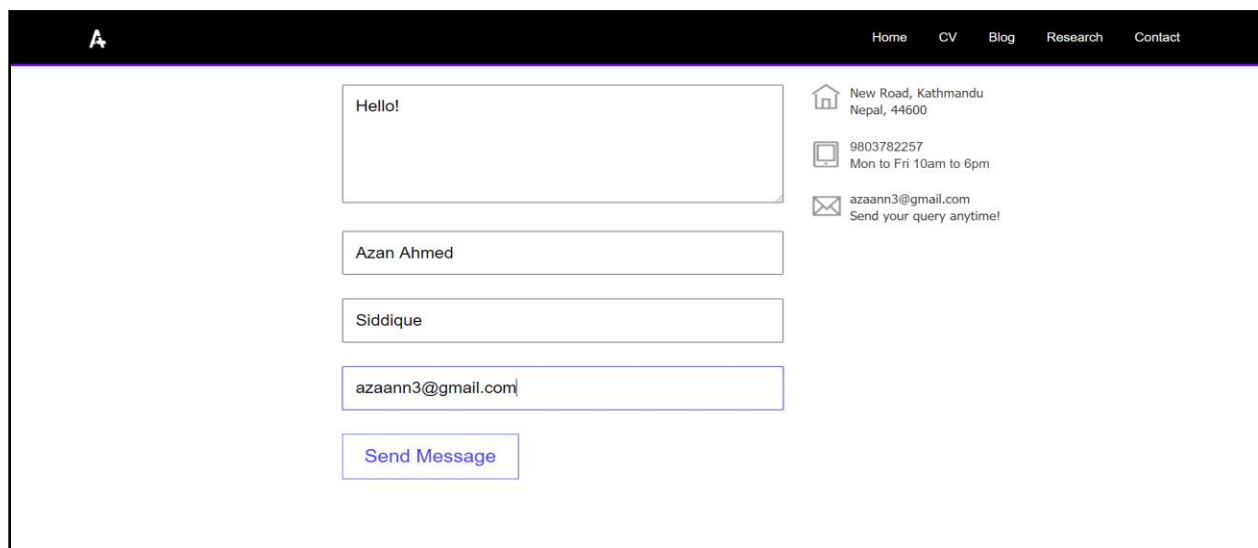
Figure 11: Screenshot of the page at the start



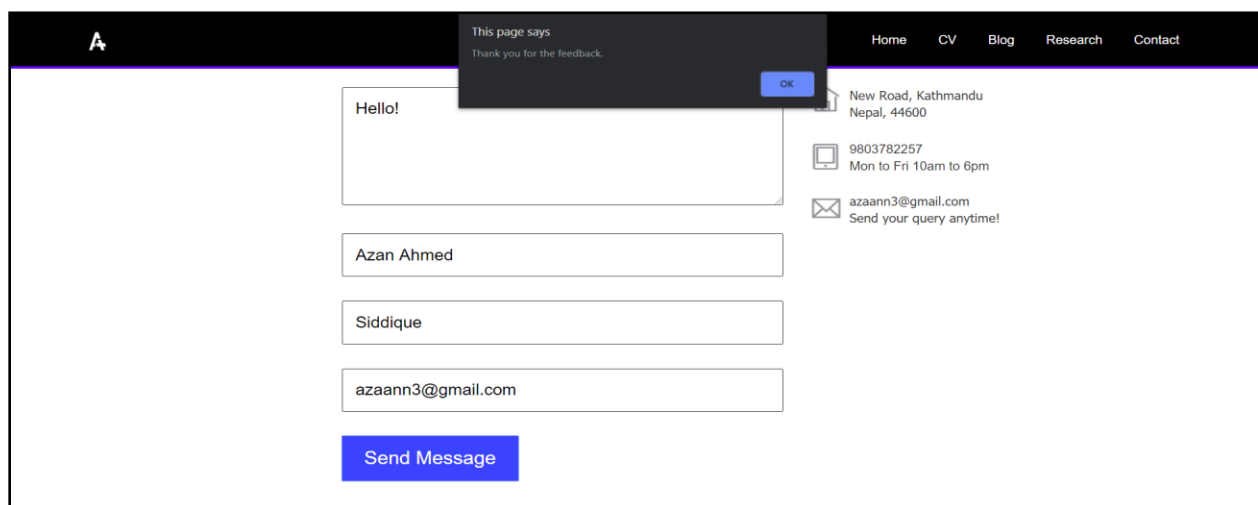
Figure 12: Screenshot of page after 3 seconds

Test 2

Objective	Form Validation
Action	Send message by filling all the fields.
Expected Result	The user to get an alert box with a message thanking for their feedback.
Actual Result	The user get an alert box with a message thanking for their feedback.
Test	Successful



The screenshot shows a web page with a dark header containing a logo 'A' and navigation links: Home, CV, Blog, Research, and Contact. The main content area has a light gray background. On the left, there is a form with four input fields: a text area containing 'Hello!', a text field containing 'Azan Ahmed', a text field containing 'Siddique', and an email field containing 'azaann3@gmail.com'. Below these fields is a blue 'Send Message' button. On the right, there is contact information: a house icon followed by 'New Road, Kathmandu Nepal, 44600', a calendar icon followed by '9803782257 Mon to Fri 10am to 6pm', and an envelope icon followed by 'azaann3@gmail.com Send your query anytime!'.

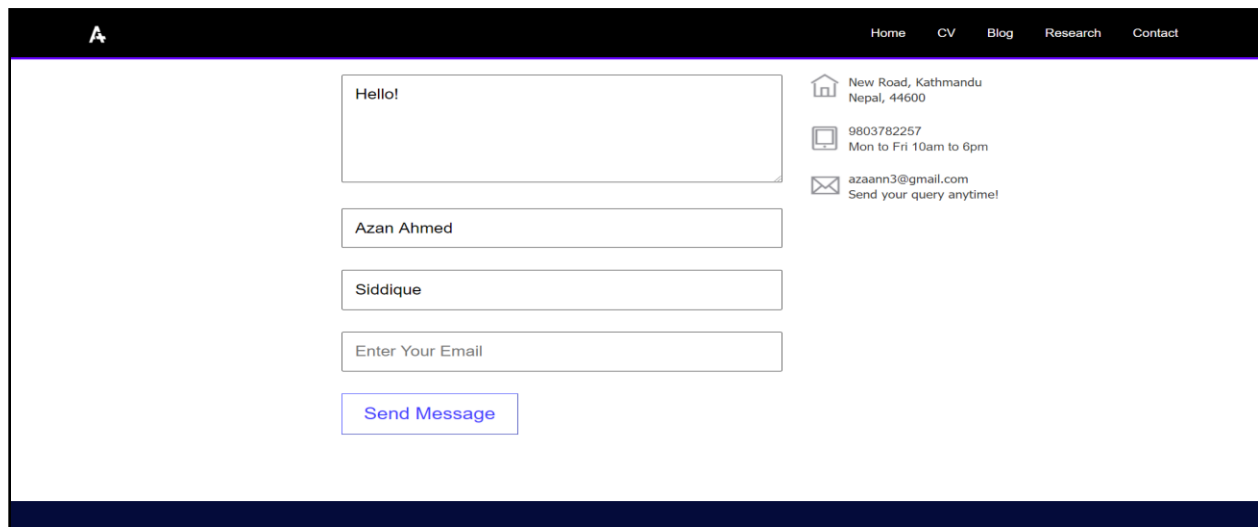
Figure 13: Sending message

This screenshot is identical to Figure 13, but with an alert box overlaid in the center. The alert box is dark gray with white text that reads 'This page says Thank you for the feedback.' and has an 'OK' button in the top right corner. The form fields and contact information remain visible in the background.

Figure 14: Alert Box

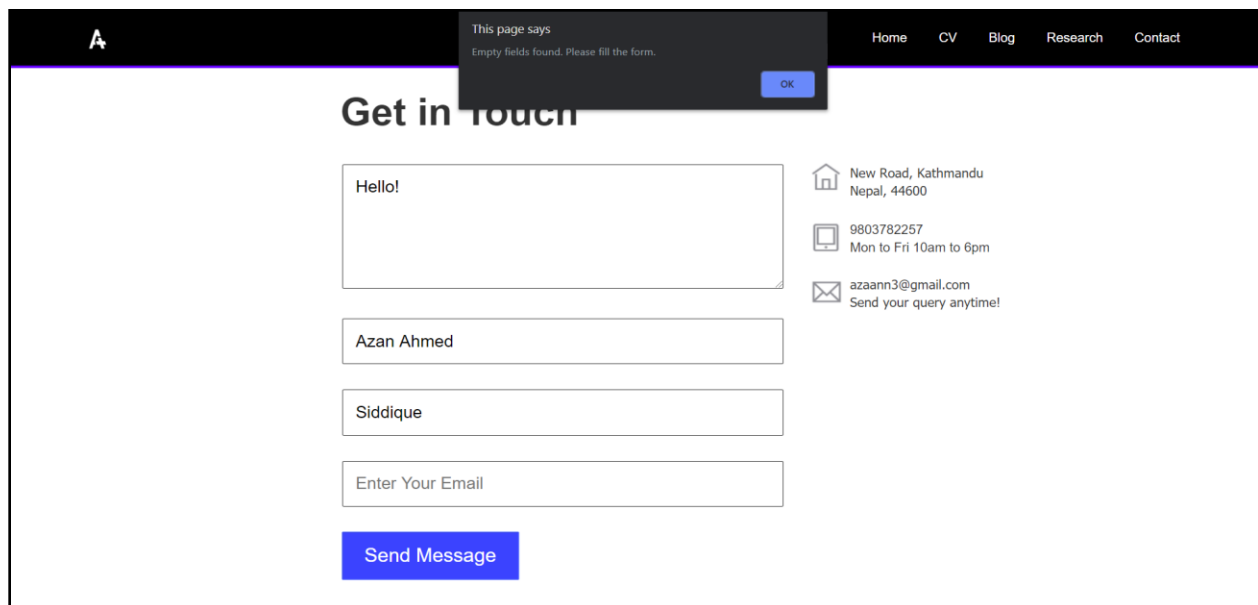
Test 3

Objective	Form Validation
Action	Send message by leaving a field empty.
Expected Result	The user should get a message in an alert box asking the user to fill all the fields.
Actual Result	The user gets an alert box message asking the user to fill all the fields.
Test	Successful



A screenshot of a web application's contact form. The form is located on the left side of the page, below a navigation bar. It contains four input fields: a text area for a message (containing 'Hello!'), a text field for a name (containing 'Azan Ahmed'), a text field for a surname (containing 'Siddique'), and a text field for an email address (containing 'Enter Your Email'). Below these fields is a blue button labeled 'Send Message'. On the right side of the page, there is contact information: a house icon followed by 'New Road, Kathmandu Nepal, 44600', a phone icon followed by '9803782257 Mon to Fri 10am to 6pm', and an email icon followed by 'azaann3@gmail.com Send your query anytime!'. The navigation bar at the top has links for 'Home', 'CV', 'Blog', 'Research', and 'Contact'.

Figure 15: Sending message with an empty field



A screenshot of the same web application's contact form, but with an alert box displayed. The alert box is a dark gray rectangle with white text that reads 'This page says Empty fields found. Please fill the form.' and a blue 'OK' button. The form fields and the 'Send Message' button are still visible in the background. The rest of the page layout, including the navigation bar and contact information, remains the same as in Figure 15.

Figure 16: Alert box

Test 4

Objective	Nav hover effect
Action	Move the mouse over to an element in the navbar.
Expected Result	The selected element should be highlighted
Actual Result	The selected element is highlighted
Test	Successful

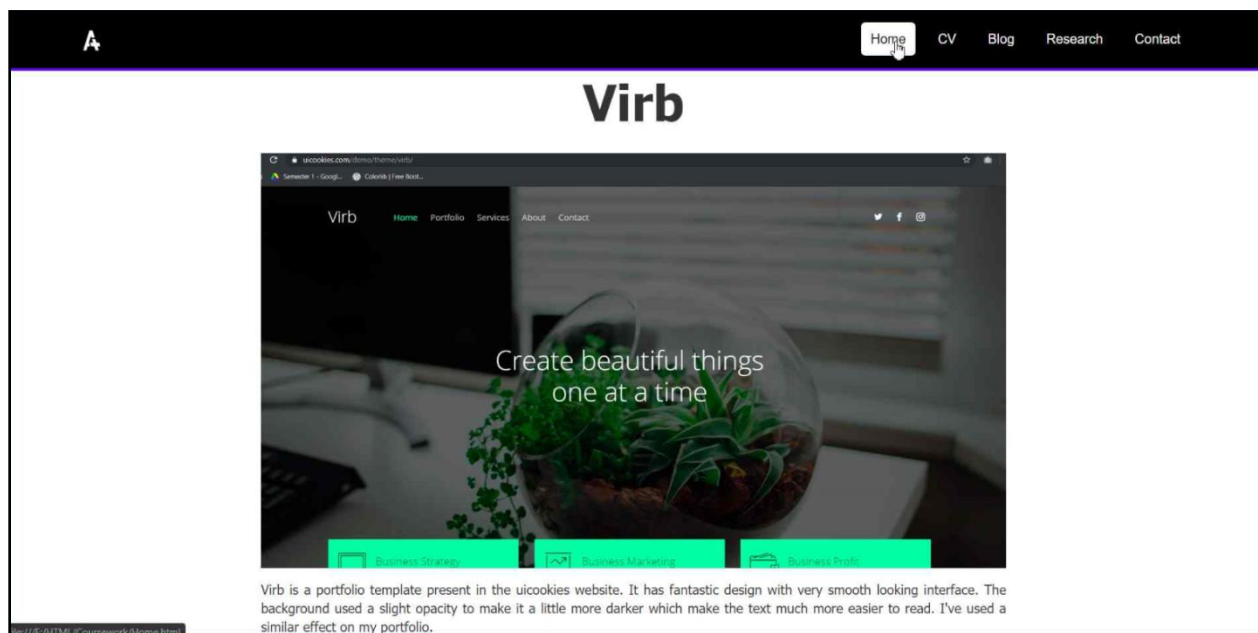


Figure 17: Nav Hover Effect

Test 5

Test 5.1

Objective	Internal link
Action	Clicking on a link
Expected Result	A page present in the same domain should open.
Actual Result	A page present in the same domain opens up.
Test	Successful

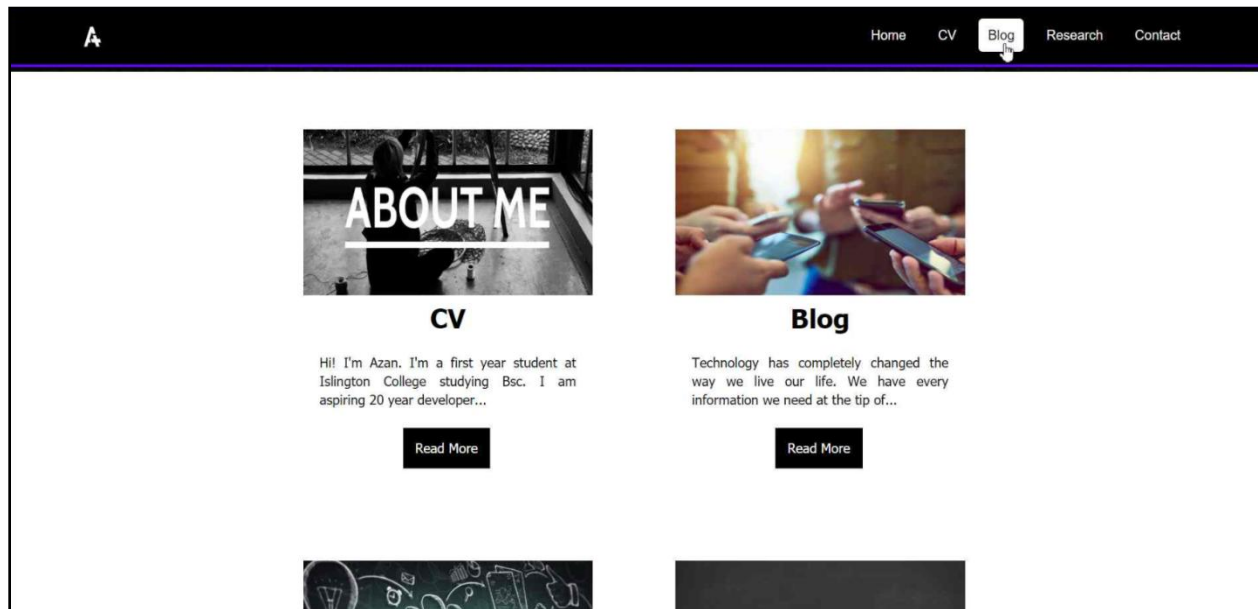


Figure 18: Clicking on the blog link

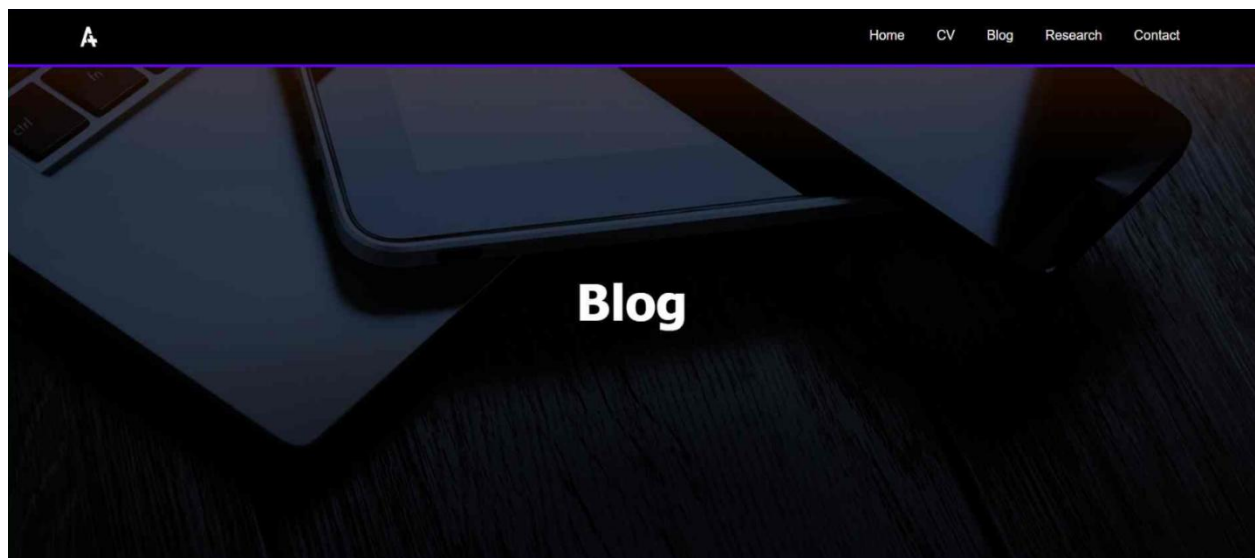


Figure 19: Blog page of the same website

Test 5.2

Objective	External link
Action	Clicking on a link.
Expected Result	The user will be taken to a different website with a different domain.
Actual Result	The user is taken to a different website with a different domain.
Test	Successful

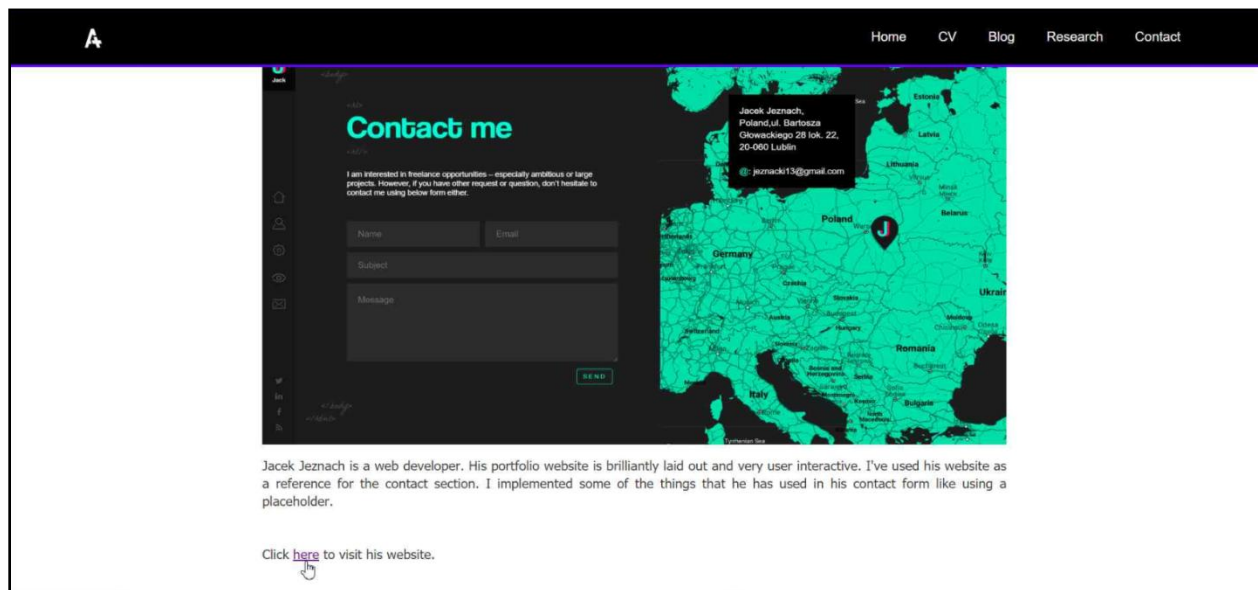


Figure 20: Clicking on the [here](#) link

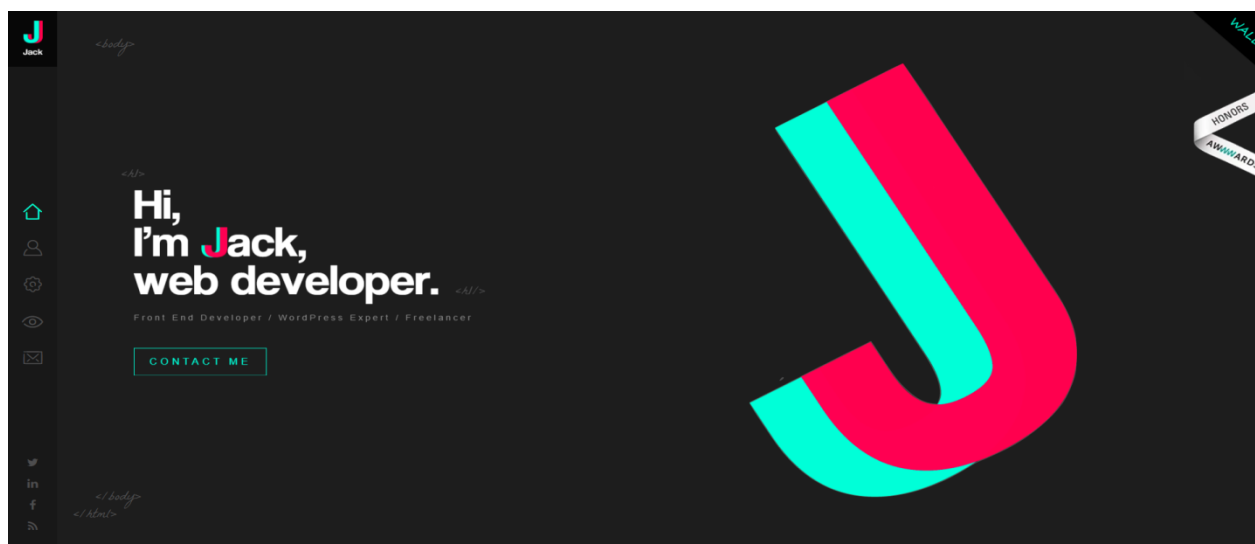


Figure 21: An entirely new website is opened

Conclusion

The objective was to create a portfolio website with 5 web pages. The web pages were created in Sublime Text editor. Inline, external and internal css was used depending on the requirement to style the pages and give them different basic over effects. All the web pages are linked to one another and each of them have a navigation bar that allows them to go to a different page in the website. Javascript was used to two different places. One in the blog page, where it automatically changes image every 3 second and another in the contact page where it uses form validation, if any of the field are left empty then an alert box pops up showing a message indicating a field is empty, if all of the fields are filled then an alert box indicating the message has been sent pops up. The wireframe of the website was also created. It was created using Balsamiq mockups.

While creating the portfolio, different portfolio websites were reference to get an idea of what contents should be present in the portfolio and how they are laid out, how the navigation bar looks and what other link they have. Sites like w3 school, java t point were used to learn about different html attribute, javascript and css.

In the process of making this portfolio website, a deeper understanding of internet technologies and its impact, designing a website using suitable tools, applying scripting languages was developed.

Bibliography

Arsenault, C., 2020. *keycdn*. [Online] Available at: <https://www.keycdn.com/blog/best-text-editors> [Accessed January 2020].

Balsamiq, 2020. *Balsamiq*. [Online] Available at: <https://balsamiq.com/wireframes/desktop/docs/intro/> [Accessed January 2020].