



**Module Code & Module Title**

**CC4057NT Introduction to Information Systems**

**Assessment Weightage & Type**

**40% Individual Coursework**

**Year and Semester**

**2022 Spring2**

**Student Name: Hemlata Kumari Rajbanshi**

**Group: L1C1S2**

**College ID: NP05CP4S220024**

**Assignment Due Date: 1<sup>st</sup> June 2022**

**Assignment Submission Date: 1<sup>st</sup> June 2022**

*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.*

## Table of Contents

1. Introduction .....	1
1.1. Website and webpage.....	1
1.2. HTML .....	1
1.3. CSS.....	2
1.4. JavaScript .....	2
1.5. Visual Studio Code.....	3
1.6. Ms Word.....	3
1.7. Balsamiq Wireframes .....	4
1.8. Aims and objectives .....	4
2. Wireframe .....	4
2.1. Home page.....	5
2.2. Product Page .....	6
2.3. Blog.....	8
2.4. Research.....	9
2.5. Contact us.....	12
3. Testing.....	14
4. Conclusion.....	19
5. References .....	20

## List of figures

Figure 1: HTML (clipartkey, 2019) .....	1
Figure 2: CSS (W3care, 2022) .....	2
Figure 3: JavaScript (MARCASLOGOS, 2022) .....	2
Figure 4: Visual Studio Code (flstudiocrack, 2022) .....	3
Figure 5: MS-word.....	3
Figure 6: Balsamiq (PSD Mockups, 2022) .....	4
Figure 7: Wireframe of Home page .....	5
Figure 8: Home page.....	6
Figure 9: Wireframe of Product page .....	7
Figure 10: Products page .....	8
Figure 11: Wireframe of Blog page .....	8
Figure 12: Blog page .....	9
Figure 13: Wireframe of Research page .....	10
Figure 14: Research page.....	12
Figure 15: Wireframe of Contact us page.....	12
Figure 16: Contact us page .....	13
Figure 17: Hovering contact us page from home page.....	14
Figure 18: Before clicking on details.....	15
Figure 19: Details displayed after clicking on details .....	15
Figure 20: Clicking blog page in navigation bar from products page .....	16
Figure 21: Blog page is opened .....	16
Figure 22: Entering valid details .....	17
Figure 23: Pop up message displayed .....	18
Figure 24: Entering invalid phone no.....	19
Figure 25: Pop up message displayed .....	19

**List of tables**

Table 1: Testing hover of navigation bar .....	14
Table 2: Testing phone details .....	14
Table 3: Testing navigation bar .....	16
Table 4: Testing form validation .....	17
Table 5: Testing phone no validation.....	18

## 1. Introduction

### 1.1. Website and webpage

Website is a set of many web pages that are interrelated and can be accessed by using a browser and webpage is a digital file which are written by using HTML. Webpage can be identified by inflowing URL Home page is the first page visited by visitors. It can be formed and maintained by specific, group or organization to serve a variety of purposes. (XERCESTECH, 2022)

As required, I have made website for phone store named as Rajbanshi Store which sells phones at reasonable prices. It has five different pages which are linked together i.e. home, product, blog, research and contact us page.

### 1.2. HTML



Figure 1: HTML (clipartkey, 2019)

HTML stands for Hypertext Markup Language which is used to create websites. It is mostly responsible for how text appears, is hyperlinked or not, etc. It is easy to learn and use and is also supported by all Browsers. Hypertext refers to hyperlinked which can be appeared on HTML page and markup language refers to a computer language which is used to apply layout or formatting to text documents. (JavaTpoint, 2021)

### 1.3. CSS



*Figure 2: CSS (W3care, 2022)*

CSS stands for Cascading Style Sheets which is used to design HTML tags. It is widely used language. It is used to style and layout of webpages which also helps to change fonts, color, size, spacing, animation and to decorate more elements. It is used with HTML and also with JavaScript. (Javatpoint , 2021)

### 1.4. JavaScript



*Figure 3: JavaScript (MARCASLOGOS, 2022)*

JavaScript is an object-oriented programming language. It works with HTML and CSS to for web. It is case sensitive language which is lightweight. It has good control over the web browser users. It can also perform advance task such as date and time, printing, creating calendar, etc. (Javatpoint, 2021)

### 1.5. Visual Studio Code

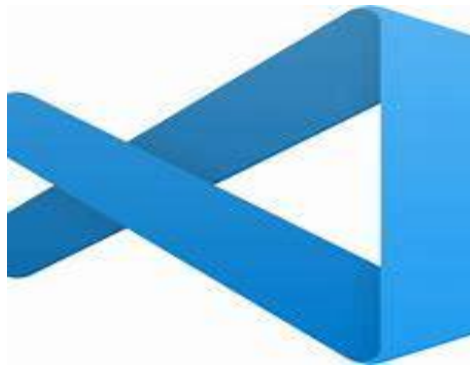


Figure 4: Visual Studio Code (flstudiocrack, 2022)

Visual Studio Code is a free code editor developed by Microsoft for Windows, Linux and macOS. It supports cross-platform and is lightweight. It is used with different programming languages for example Java, JavaScript, Python, C++, Nodes.js, Fortran and Go. Its features let operators to modify the editor as per the usage. (TECHSPOT, 2022)

### 1.6. Ms Word



Figure 5: MS-word

MS Word or Microsoft Word is a word processor which is published by Microsoft. It is one from office productivity application which is included in Microsoft Office Suite. It is used to create quality documents, reports, letters and resumes. It features include spelling

corrections, grammar check, image support, font and text formatting, HTML support, advanced page layout and many more. (Computer Hope, 2022)

### 1.7. Balsamiq Wireframes



*Figure 6: Balsamiq (PSD Mockups, 2022)*

Balsamiq wireframes is a rapid low-fidelity. It is a website builder with graphical user interface.

### 1.8. Aims and objectives

The aim of this coursework is to create e-commerce website to sell different phones.

The objective are as follows:

- to make us know about modern technologies.
- To make us learn about HTML, CSS and JavaScript language.
- To encourage us to make creative websites.

## 2. Wireframe

Wireframe is a website builder with graphical user interface. It shows the interface elements that will be appeared in main page. After making it we are cleared about basic structure that we should do in main pages and how should we design. It is easier to use.



## 2.1. Home page

Home is the first webpage of the website. There is header The wireframe of home webpage is given.

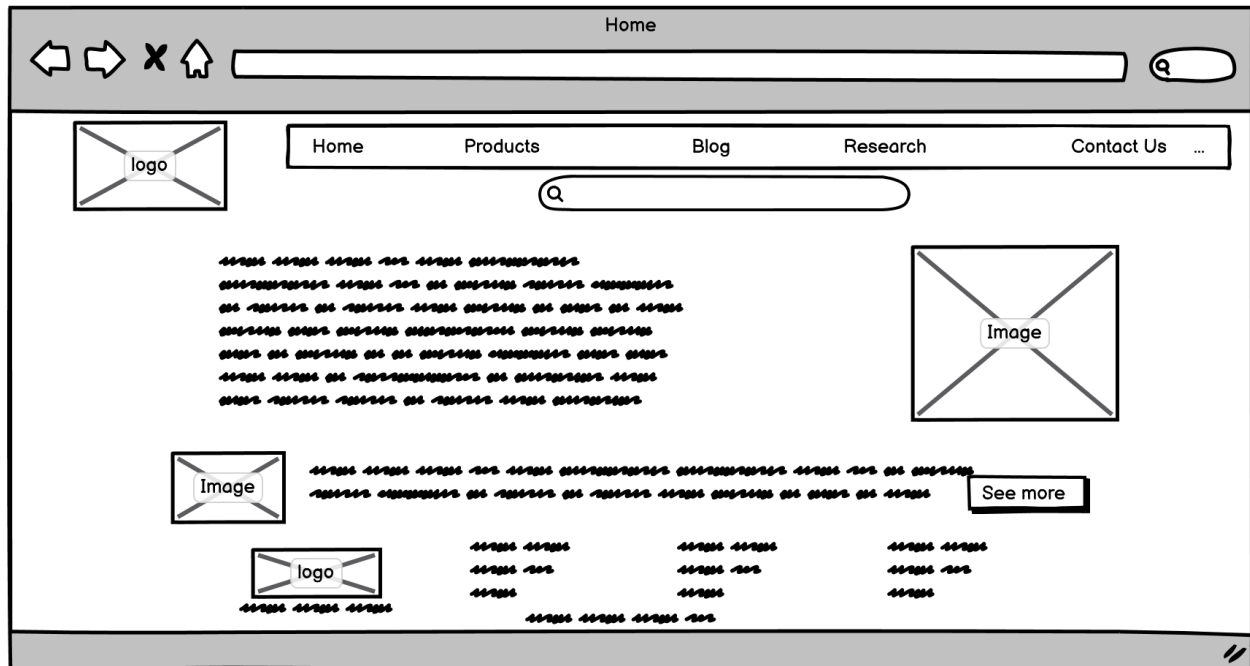


Figure 7: Wireframe of Home page

Home webpage of my website Rajbanshi Store that is made is now given below.

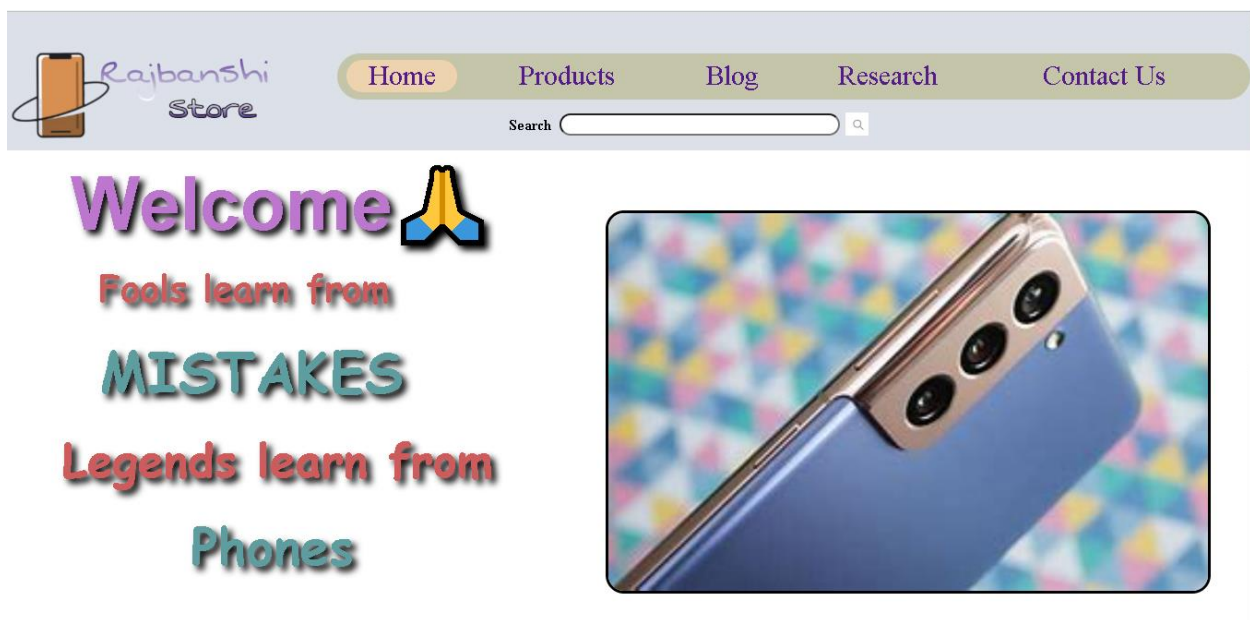




Figure 8: Home page

## 2.2. Product Page

Products in my website is phones that are kept to sold. It is the second webpage of the website I have made. This page has store different phones that are kept to sold. Wireframe of product webpage is given below.

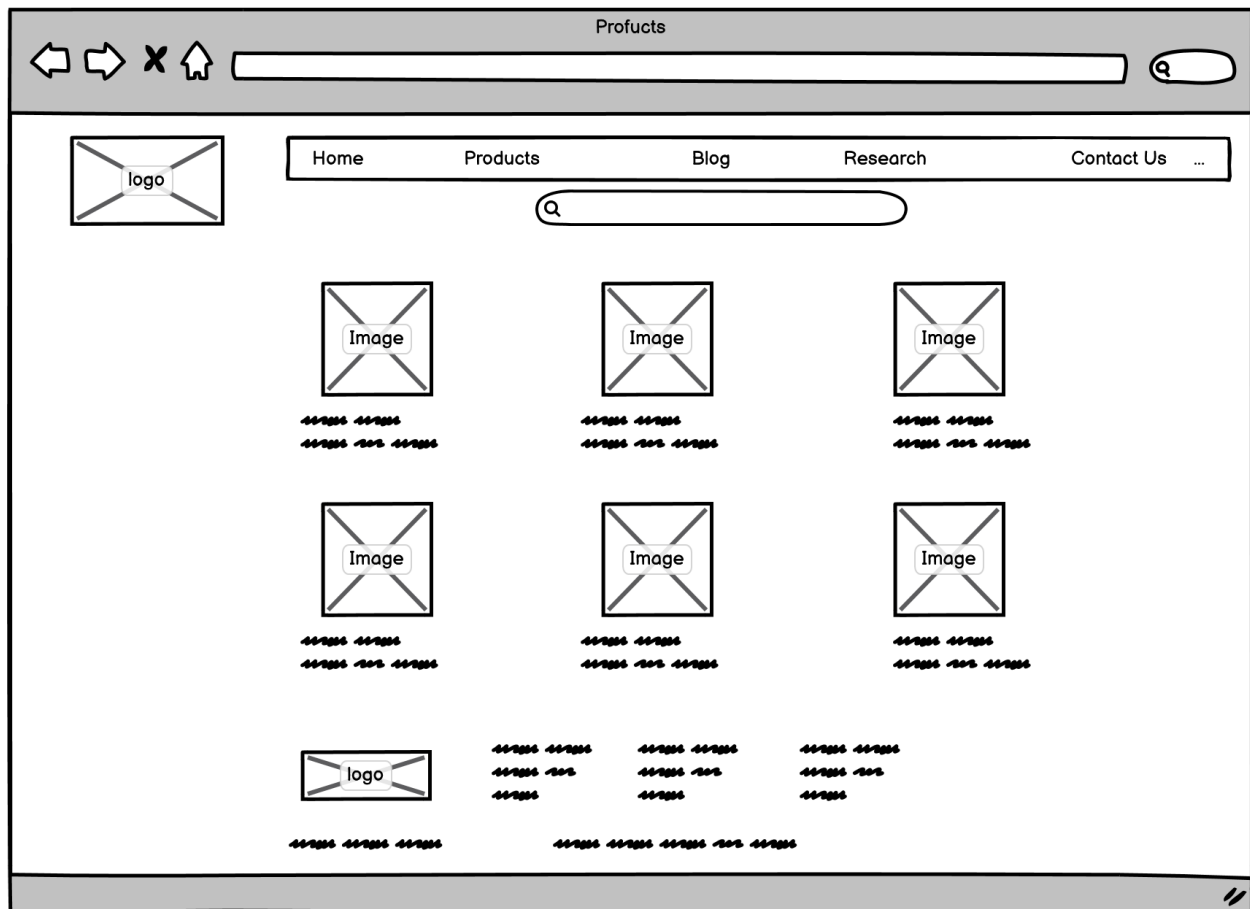
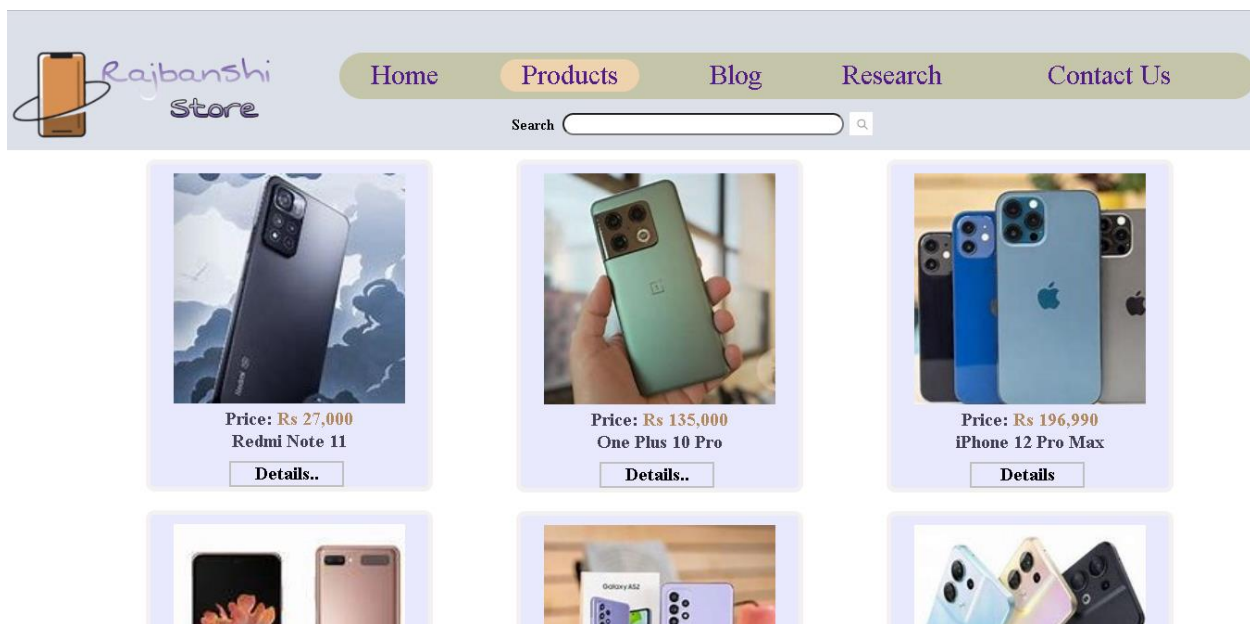


Figure 9: Wireframe of Product page

After the basic structure the final result of product webpage is here shown below.



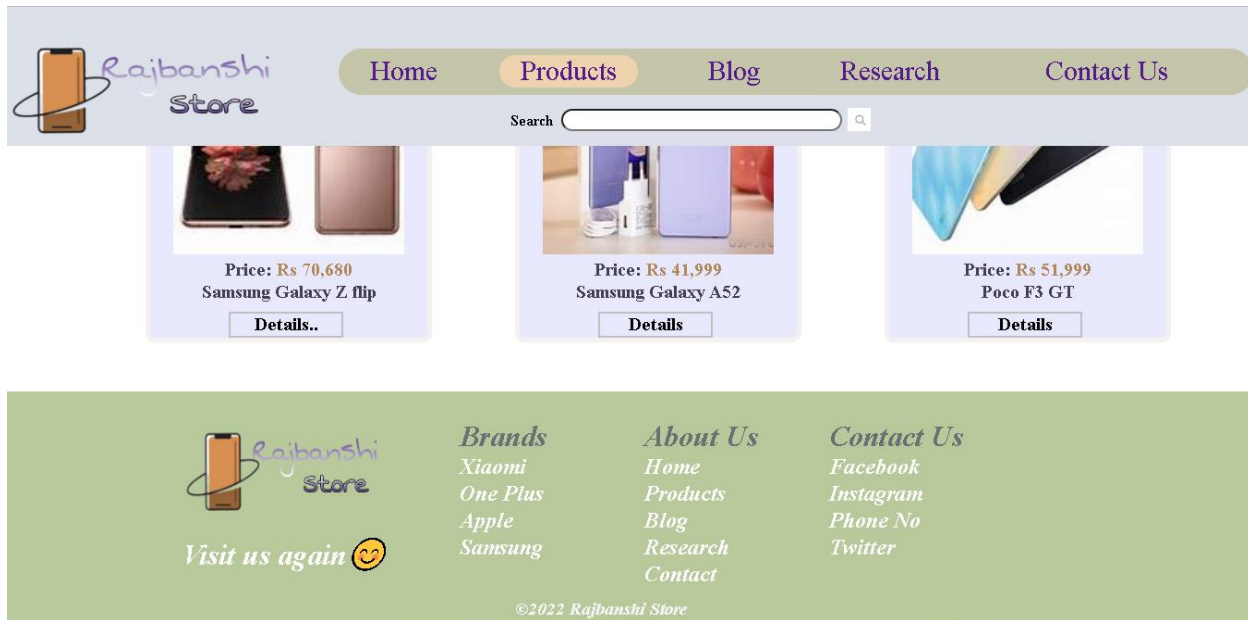


Figure 10: Products page

### 2.3. Blog

Blog is the third webpage where I have written about the impact of technology. I have written both positive and negative impact of technology. Wireframe of blog webpage is shown below.

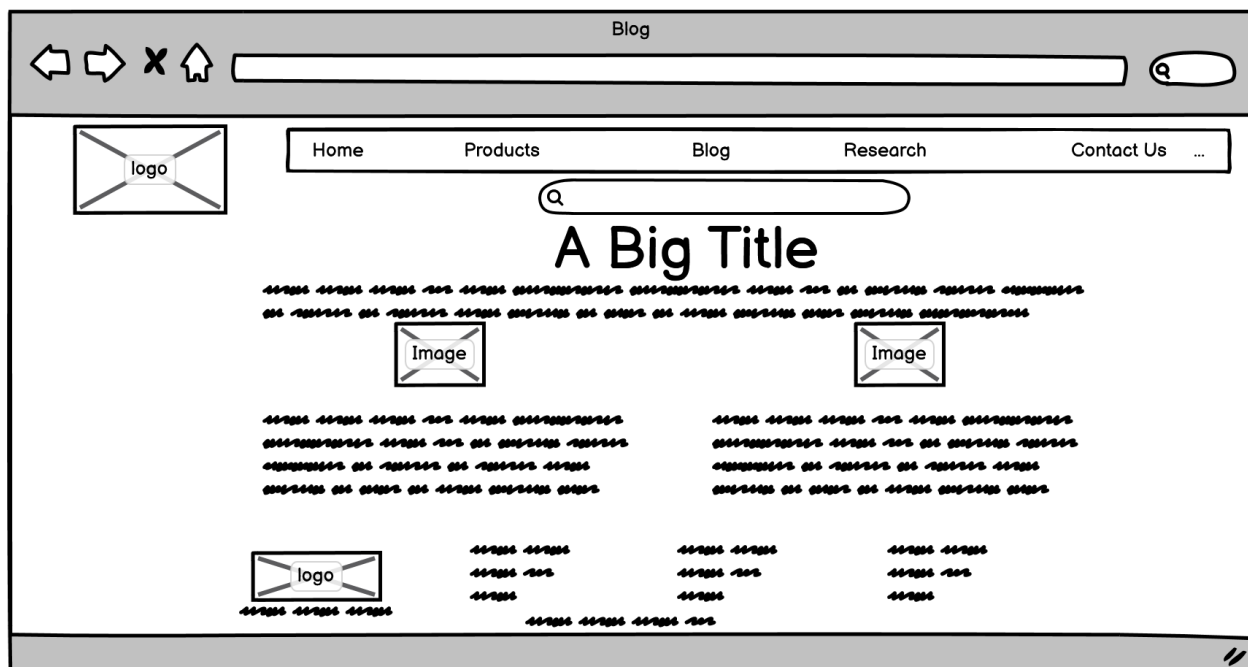


Figure 11: Wireframe of Blog page

After typing codes, the final output of product page is shown below in the pictures.



Figure 12: Blog page

## 2.4. Research

Research is the fourth webpage of website (Rajbanshi Store). In this webpage we can know from which site I have seen design and try to make as similar as it. Wireframe of research page is shown below.

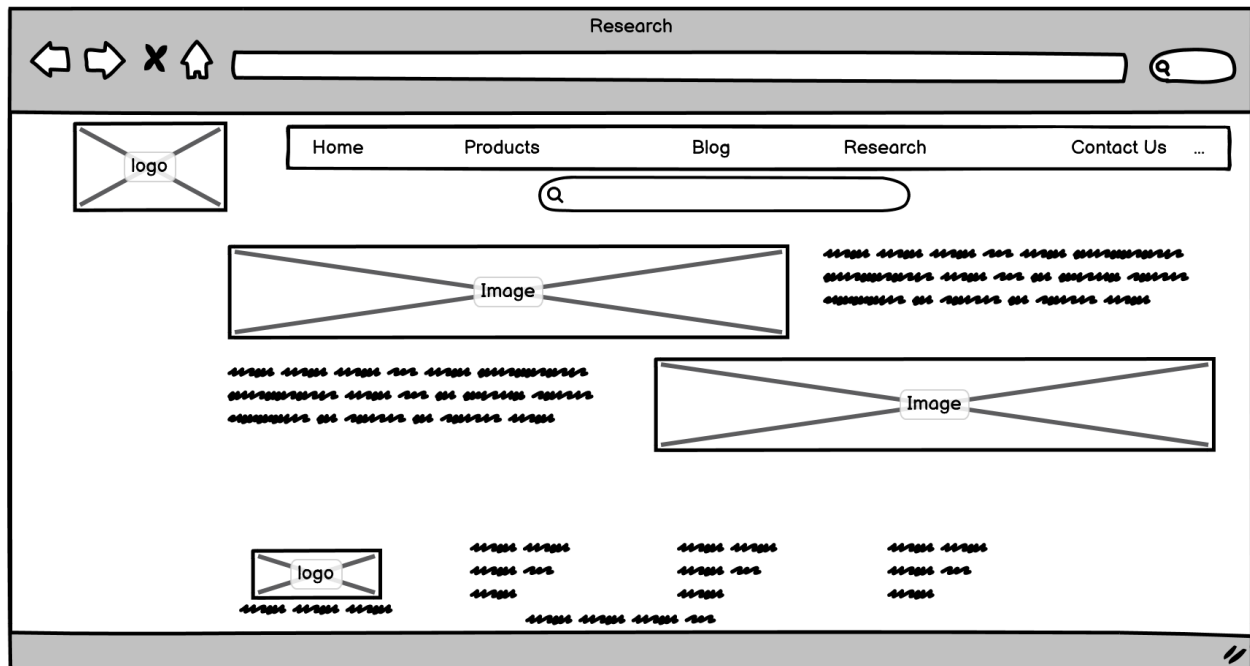


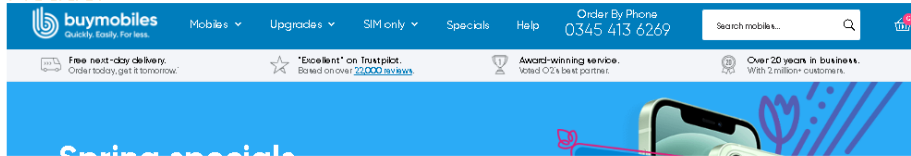
Figure 13: Wireframe of Research page

Final output of research webpage is shown below.





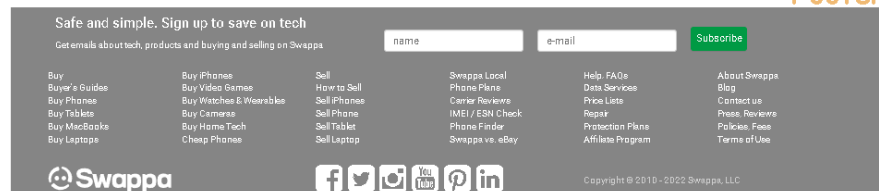
## Header



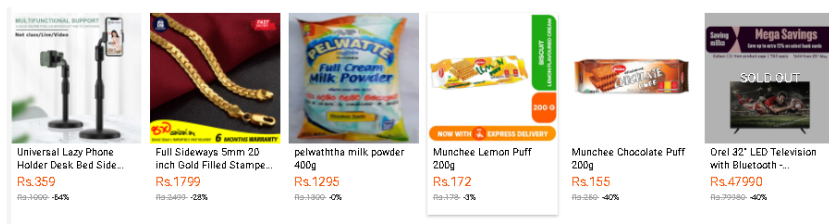
While seeing different website to take an idea of format I found this website named buymobiles. It's header is so nice so I tried to make my header similar to it.

## Footer

I found website named as Swappa. I like the way footer is designed and footer of my webpages is inspired by Swappa website.



## Products



Website named as Daraz has amazing products display format which I liked the most so I tried to make my page as similar as daraz product page. But I have made some unique changes in my page. It has details button where if we click, more information of phone is displayed.

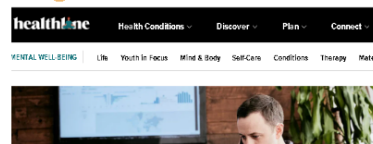
## Contact us Blog

When the user purchases any product it directs to contact us page. for the design of contact us page I have research

Similar products



1000W NV-1290 Nova Foldable Hair Dryer



Idea to make blog page that beautiful is from healthline website. In this page I liked is at first picture is given

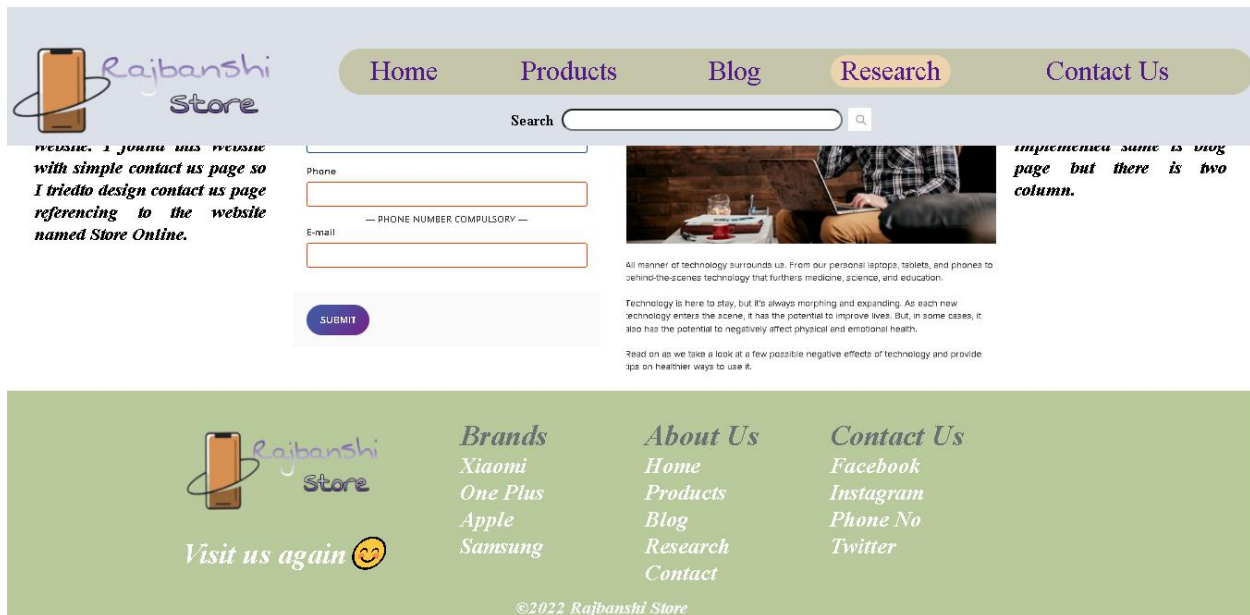


Figure 14: Research page

## 2.5. Contact us

Contact Us is the last page of my webpage. It takes information from customer if the want to buy phone and provides information of my website if they have any queries then they can contact us vai phone number or email.

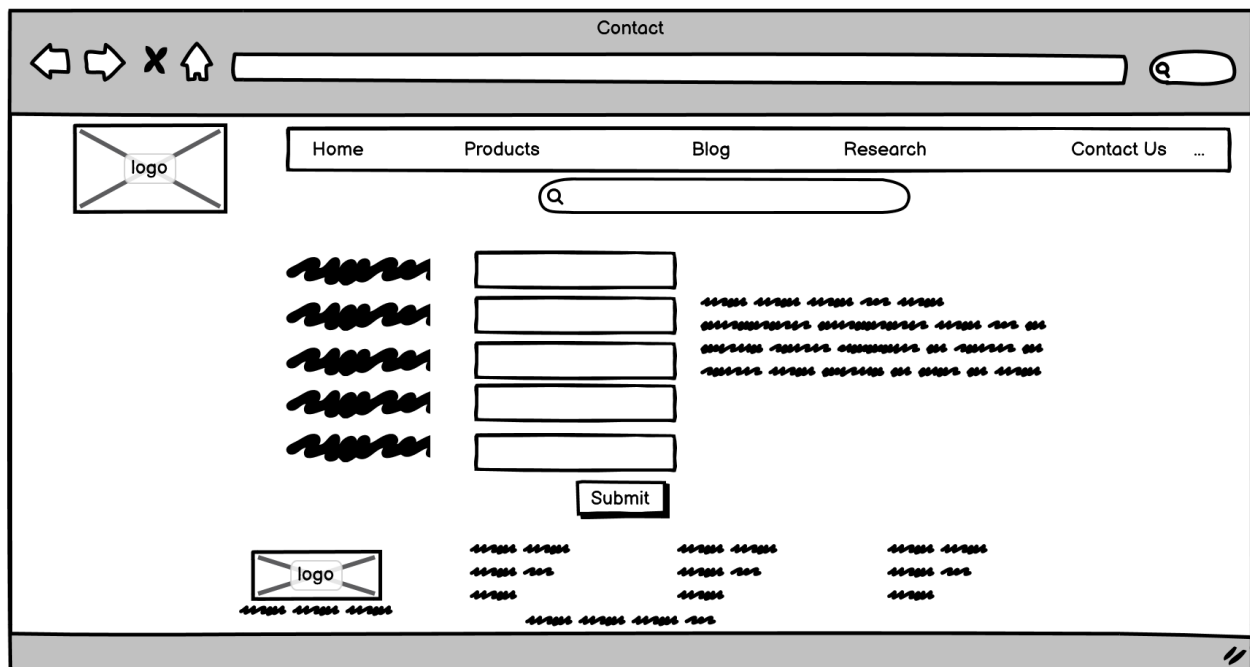


Figure 15: Wireframe of Contact us page



Final outuut of cuntact us page is shown below.

**Rajbanshi Store**

Home Products Blog Research **Contact Us**

Search

Name:

Phone.No:

Address:

Email:

Message:

Submit

**For more information**

Contact us: 9807086443  
 Email: rajbanshistore001@gmail.com  
 Facebook: Rajbanshi Store  
 Instagram: rajbanshi\_store  
 Address: Biratnagar-09, Morang

---

**Rajbanshi Store**

Home Products Blog Research **Contact Us**

Search

Email:

Message:

Submit

Facebook: Rajbanshi Store  
 Instagram: rajbanshi\_store  
 Address: Biratnagar-09, Morang

---

**Rajbanshi Store**

Visit us again 😊

**Brands**  
 Xiaomi  
 One Plus  
 Apple  
 Samsung

**About Us**  
 Home  
 Products  
 Blog  
 Research  
 Contact

**Contact Us**  
 Facebook  
 Instagram  
 Phone No  
 Twitter

©2022 Rajbanshi Store

Figure 16: Contact us page

### 3. Testing

#### 3.1. Testing 1

Objective	To check if the color of the bar changes while hovered.
Action	Hover a bar in the navigation bar section.
Expected result	The color of the hovered bar should change.
Actual result	The color of the bar was changed.
Test result	Hover effect is working and test is successful.

Table 1: Testing hover of navigation bar

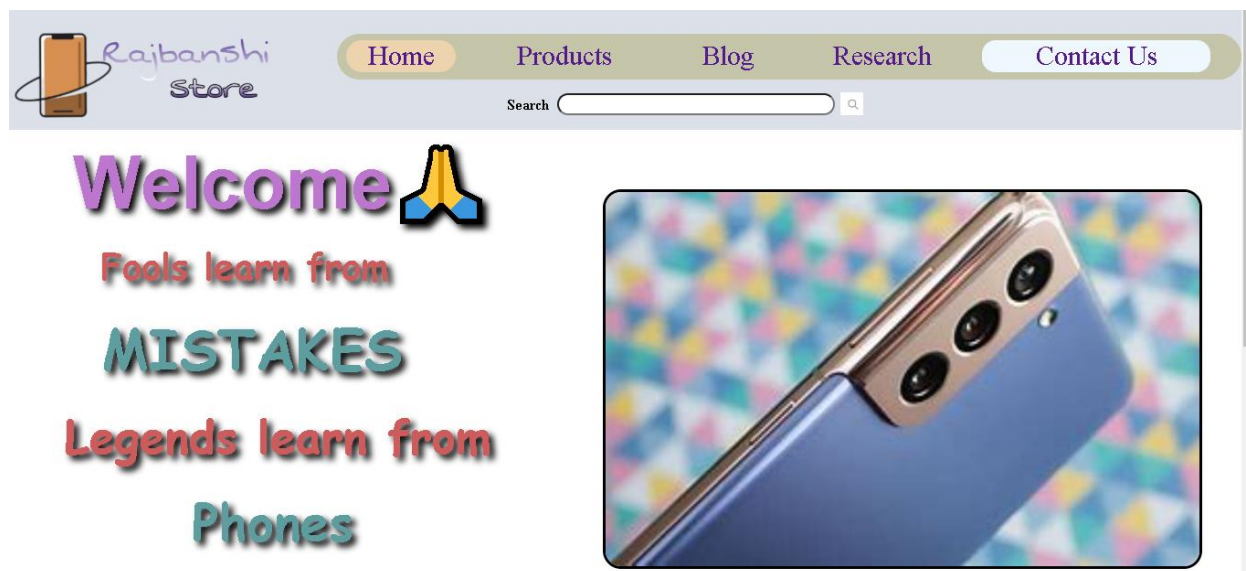


Figure 17: Hovering contact us page from home page

#### 3.2. Testing 2

Objectives	To check if details of phone is displayed
Action	Clicked to see more to display more details.
Expected result	The details of selected phone should be displayed.
Actual result	The details are displayed
Test result	Text is successful.

Table 2: Testing phone details

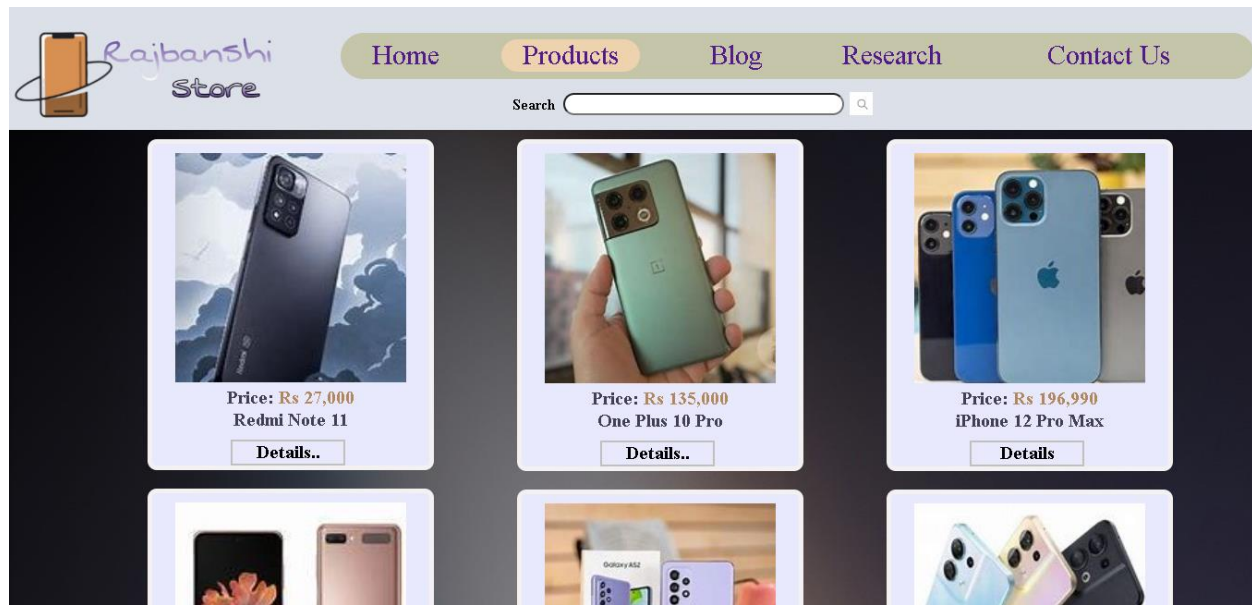


Figure 18: Before clicking on details

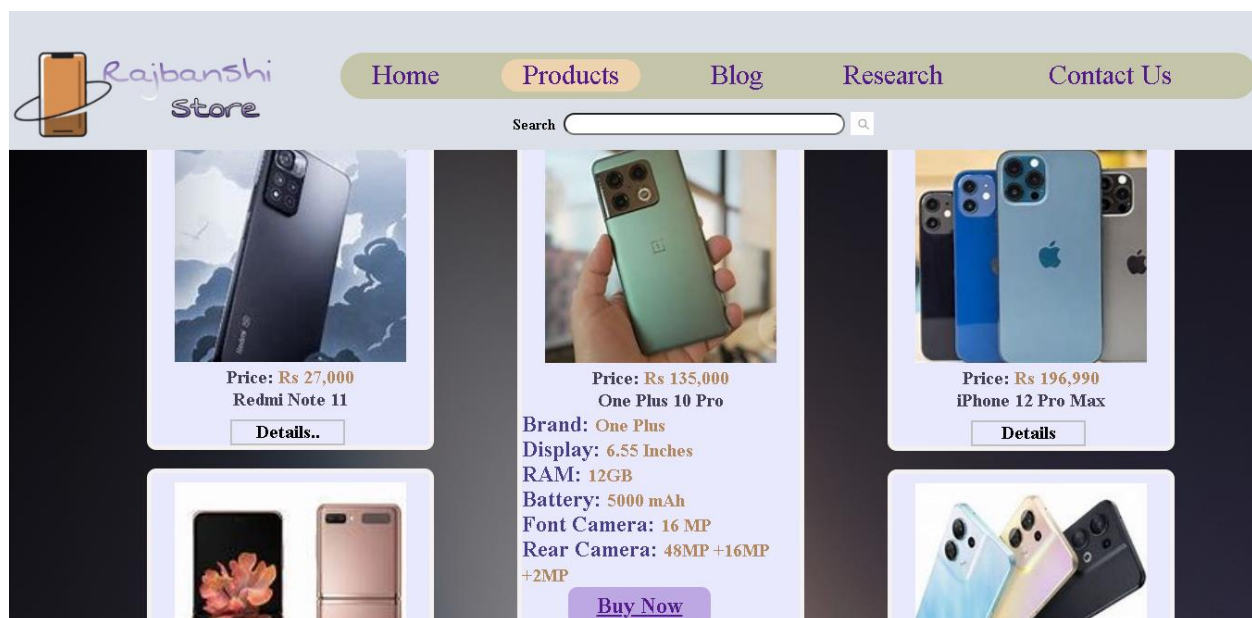


Figure 19: Details displayed after clicking on details

### 3.3. Testing 3

Objectives	Navigating to different pages from navigation bar,
Action	Clicking on blog bar to open blog page.
Expected result	Blog page should be displayed.
Actual result	Blog page is opened.
Test result	Test is successful.

Table 3: Testing navigation bar

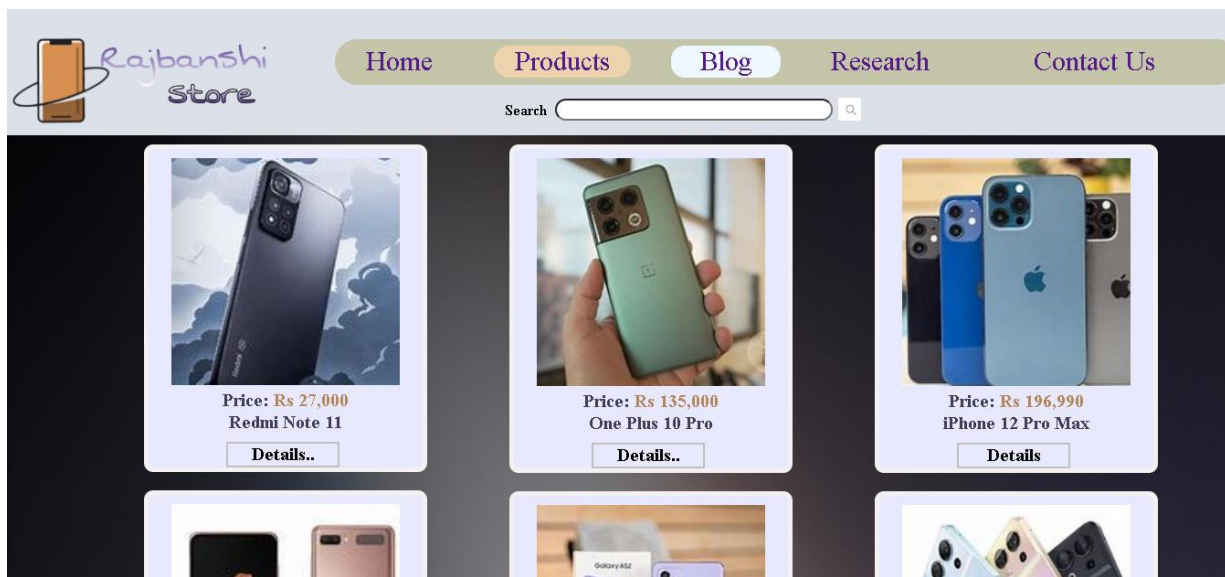


Figure 20: Clicking blog page in navigation bar from products page

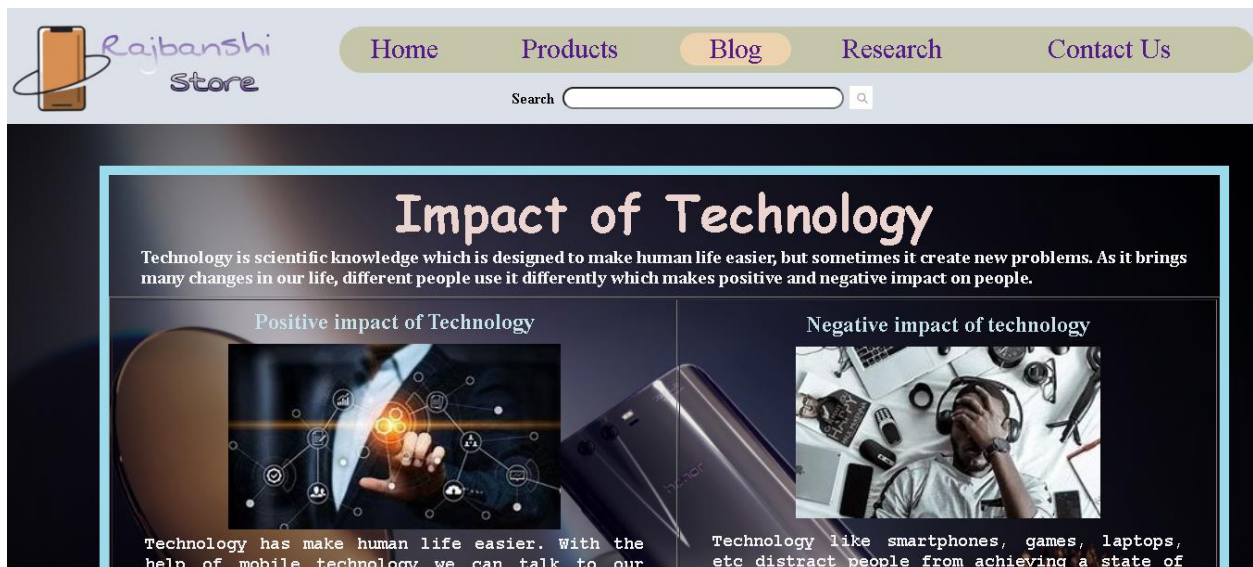
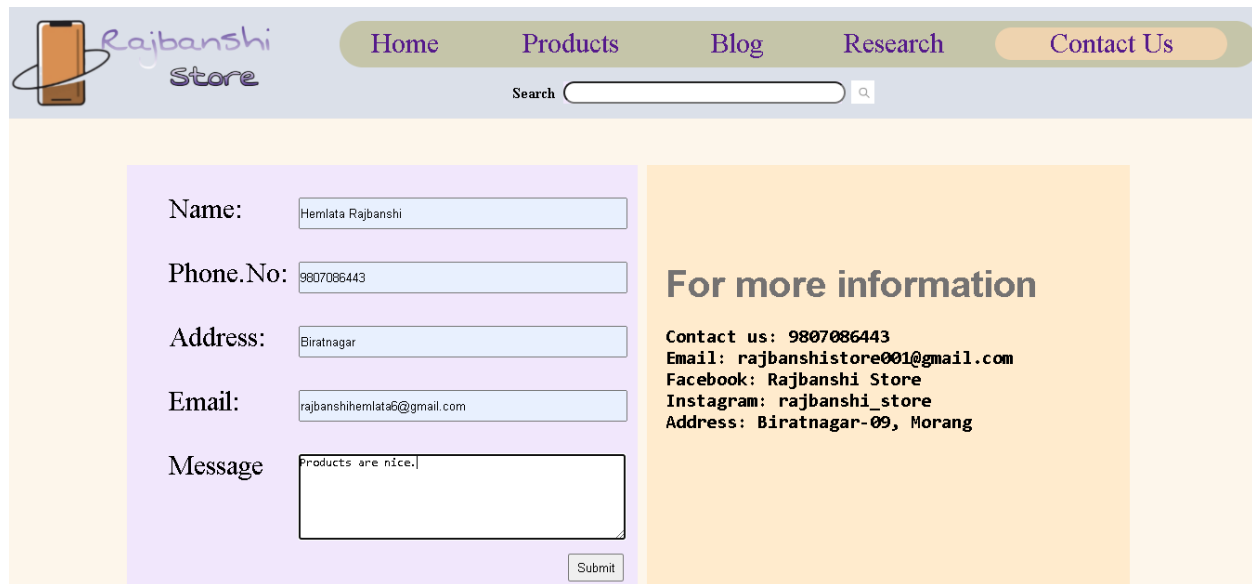


Figure 21: Blog page is opened

### 3.4. Testing 4

Objectives	Checking if the form validation works.
Action	Entering valid details in the form.
Expected result	Pop up message should be displayed saying "Thank you".
Actual result	Message was displayed.
Test result	Test is successful.

Table 4: Testing form validation



**Rajbanshi Store**

Home Products Blog Research Contact Us

Search

**Name:**

**Phone.No:**

**Address:**

**Email:**

**Message**

**For more information**

Contact us: 9807086443  
 Email: rajbanshistore001@gmail.com  
 Facebook: Rajbanshi Store  
 Instagram: rajbanshi\_store  
 Address: Biratnagar-09, Morang

Figure 22: Entering valid details

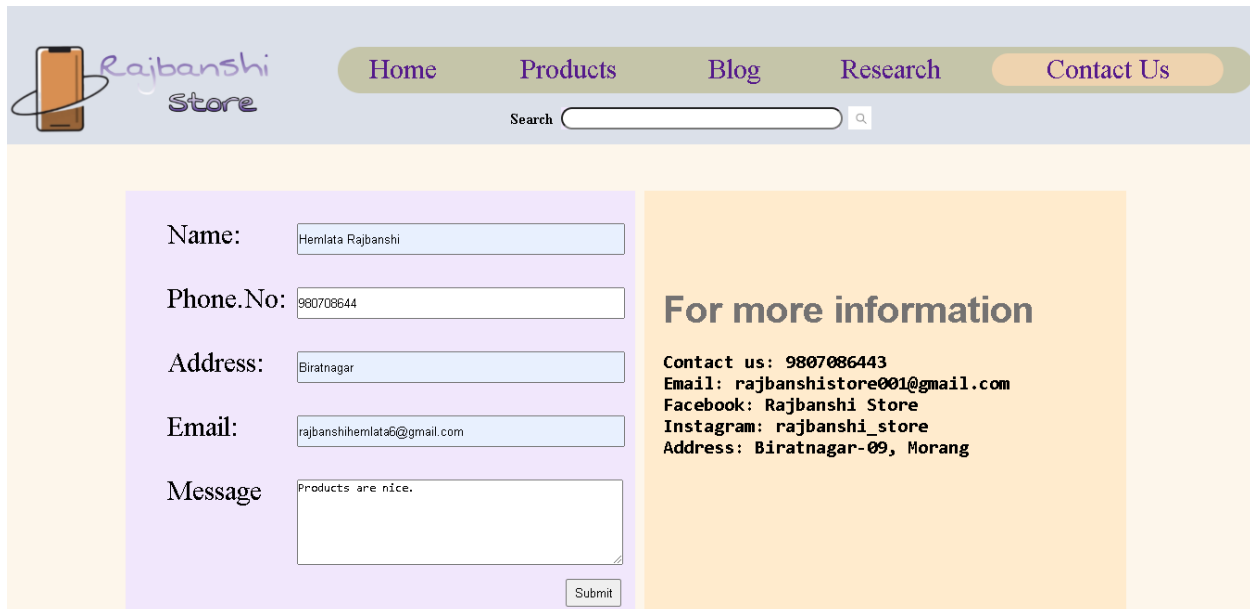
The screenshot shows the Rajbanshi Store website. At the top, there is a navigation bar with links for Home, Research, and Contact Us. A pop-up message from 127.0.0.1:5501 says "Thank you." Below the navigation bar, there is a search bar. The main content area is divided into two sections. On the left, there is a contact form with fields for Name, Phone.No, Address, Email, and a Message box. The form is filled with the following information: Name: Hemlata Rajbanshi, Phone.No: 9842046193, Address: Biratnagar, Email: rajbanshihemlata6@gmail.com, and Message: Products are nice. A Submit button is at the bottom of the form. On the right, there is a section titled "For more information" with contact details: Contact us: 9807086443, Email: rajbanshistore001@gmail.com, Facebook: Rajbanshi Store, Instagram: rajbanshi\_store, and Address: Biratnagar-09, Morang.

Figure 23: Pop up message displayed

### 3.5. Testing 5

Objective	Phone no validation works or not.
Action	Entering invalid phone no.
Expected result	Invalid phone no message should be displayed.
Actual result	Message was displayed saying "Please enter valid phone no".
Test result	Text is successful.

Table 5: Testing phone no validation



**Rajbanshi Store**

Home Products Blog Research **Contact Us**

Search

**Name:**

**Phone.No:**

**Address:**

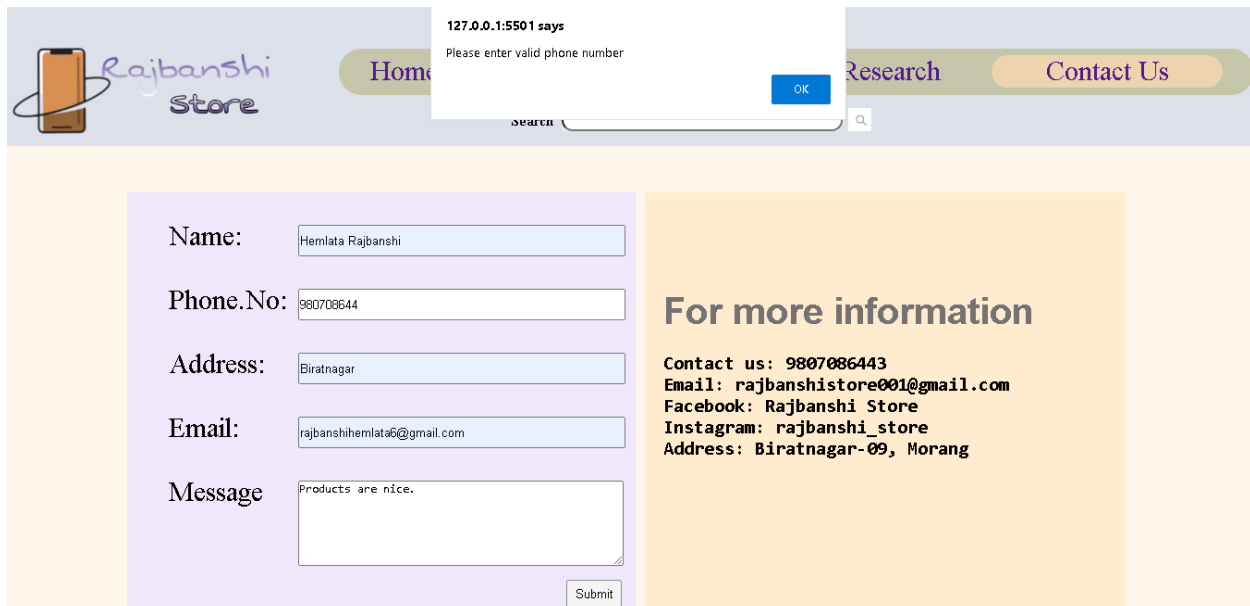
**Email:**

**Message:**

**For more information**

Contact us: 9807086443  
 Email: rajbanshistore001@gmail.com  
 Facebook: Rajbanshi Store  
 Instagram: rajbanshi\_store  
 Address: Biratnagar-09, Morang

Figure 24: Entering invalid phone no



**Rajbanshi Store**

Home Products Blog Research **Contact Us**

127.0.0.1:5501 says  
Please enter valid phone number

Search

**Name:**

**Phone.No:**

**Address:**

**Email:**

**Message:**

**For more information**

Contact us: 9807086443  
 Email: rajbanshistore001@gmail.com  
 Facebook: Rajbanshi Store  
 Instagram: rajbanshi\_store  
 Address: Biratnagar-09, Morang

Figure 25: Pop up message displayed

## 4. Conclusion

After spending lots of time I finally completed my coursework. While doing this coursework I learned have HTML very nicely, also learned about CSS and JavaScript. My confusion on how to use JavaScript has been cleared. I was very tensed while creating website but after it is completed, I felt so relieved.



This coursework mainly focuses on HTML, JavaScript and CSS. In this coursework we have to create a website where phones can be sold to customers. We have to create five webpages in the website named as Home, Products, Blog, Research and Contact us page. I have not only learned HTML language but also learned how to use CSS and JavaScript in HTML.

While starting this coursework I started making from home page which take short time to complete but products page which take very long time to complete and I have faced lots of problems while creating product page. Blog, research and contact us pages do not take lots time to complete but I have to face few problems while making this page.

The difficulties I have faced was cleared after asking with my friends but firstly I tried it myself. They were very helpful to me. I have also researched on different online shopping websites to get idea of format and have given references. After getting out of all problems I have now finally completed my coursework.

## 5. References

clipartkey, 2019. *HTML*. [Online]  
Available at: [https://www.clipartkey.com/view/mhRJmJ\\_html-logo-png-transparent-background/](https://www.clipartkey.com/view/mhRJmJ_html-logo-png-transparent-background/)

[Accessed 29 05 2022].

Computer Hope, 2022. *Computer Hope*. [Online]  
Available at: <https://www.computerhope.com/jargon/m/microsoft-word.htm?msclkid=a4ae7164d10a11ec955ba42a80a012fc>

[Accessed 11 05 2022].

flstudiocrack, 2022. *Visual Studio Code*. [Online]  
Available at: <https://flstudiocrack.info/visual-studio-code-crack/>

[Accessed 29 05 2022].

Javatpoint, 2021. *what is CSS*. [Online]  
Available at: <https://www.javatpoint.com/what-is-css>

[Accessed 29 05 2022].



JavaTpoint, 2021. *what is HTML.* [Online]  
Available at: <https://www.javatpoint.com/what-is-html>  
[Accessed 29 05 2022].

Javatpoint, 2021. *what is javascript.* [Online]  
Available at: <https://www.javatpoint.com/javascript-tutorial>  
[Accessed 29 05 2022].

MARCASLOGOS, 2022. *JavaScript.* [Online]  
Available at: <https://marcas-logos.net/javascript-logo/>  
[Accessed 29 05 2022].

PSD Mockups, 2022. *Balsamiq.* [Online]  
Available at: <https://www.psdmockups.com/balsamiq-painstakingly-simple-mockups/>  
[Accessed 29 05 2022].

TECHSPOT, 2022. *what is Visual Studio Code.* [Online]  
Available at: <https://www.techspot.com/downloads/7142-visual-studio-code.html>  
[Accessed 29 05 2022].

W3care, 2022. *CSS.* [Online]  
Available at: <https://www.w3care.com/css-development-services>  
[Accessed 29 05 2022].

XERCESTECH, 2022. *What is website.* [Online]  
Available at: <https://xercestech.com/what-is-a-website-14/>  
[Accessed 29 05 2022].