



slington college
(इस्लिङ्टन कलेज)

Module Code & Module Title

CC4057NI Introduction to Information Systems

Assessment Weightage & Type

40% Individual Coursework

Year and Semester

2021-22 Autumn

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Assignment Due Date: 21 January 2022

Assignment Submission Date: 21 January 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 marks of zero will be awarded.

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1. Introduction

Web technology allows multiple computers to interact with and to share information throughout various computer network servers on the internet. On one side, it became simpler and more consumer friendly with each day from the viewpoint of a customer; on either side, it is becoming difficult and massive from view of the coder. As a consequence, scientists have started to make life easy and accessible by applying multiple methodologies. Web technology is evolving from fundamental hypertext site technology through cloud computing and artificial intelligence-based expert systems. Web technology's main goals are to do this with a mechanism to interact on hosted data. The three main language which helps to make the world wide web are HTML, CSS and JS. (pudasaini, 2021)

1.1 Introduction to the project

The project is the last course work of the module "information systems". This project is basically design the e-commerce website which sells various amount of electrical gadgets. The mandatory tools to be used in this coursework is the HTML, CSS and JS. The main theme of the project is the proper implemented website which should be include the home, contact, product, blog and research and the website should be attractive and friendly to the user. The software I used to create a website is sublime text. Sublime text is text editor which is used for code and markup language.in this project I have used html for designing the website with help of lot of tags and element. The CSS is used to make our website attractive and styling the element of the website. JavaScript is an interpreted language which is used to link the website and used different function to make web page interlinking with the front end and backend. The webpage consists of 5 pages which are connect with homepage with the nav tag. The homepage simply contains products and the introduction of my electronic gadget store asgard electronic gadgets. The homepage is the main website of the project which connect the four website. The product page has the division of the electronic gadgets like smartphone, laptop and camera which is directly connect with the homepage.

The product page contain the information of the different gadget use in the website. The background image with the contact page has been displayed to collect the inquiry from the customer. The contact page is directly connected with the homepage. As per the guidelines of the coursework the blog page contain about the impact of technology is mentioned and mandatory in the homepage which has to be displayed on the Blog page of website. The last page of the website is the research website. in this website different reference of the website which is taken as a reference while developing the website should be mentioned with the proper explanation.

1.2 Goal and objective

The goal and objective of the project is development of the attractive and user friendly website which should be responsive for the user. There should be the responsive the website page to connect with the user and website developer. the main motive of my webpage is to provide and increase the reach among the large number of the customer to provide the proper gadget in the right time. As we know this is pandemic era, the all employees used laptop or other gadget for the work from home, so we sell different type of gadgets to them in less price then another ecommerce website. The main motive is to provides gadgets for the student in the low cost which help in the education. The website is suitable for all user according to their need the asgard electronic gadgets also sold many good items in a reasonable price. The people can demand their needs according to their willingness power to pay the price of gadget.

In the point of business, the world is becoming digitalized day by day. the primary aim is to the decrease of the cost for the customer. The ecommerce website is the best business method in the modern era. People use digital wallet for the payment which is benefit for the both customer and company. The company can get trustful customer and they help them for the promotion of the business. The website will be responsive if the many user visit and provided different information. It helps to attract customer and traffics which included their age, location and address. The website helps to developed the relation of business with the company and user or company and influencer which will attract new customer.

1.3 Implementation of HTML ,CSS and JavaScript

HTML is the hypertext mark-up language is a standard markup language which is used to develop web pages. Hypertext is used for organizing information system and linking the related documents together by using worlds and links. such links are called hyperlinks. A markup language provides way to describe the structure and the behavior of information on a webpage British scientist tim berner lee developed html in European laboratory (pudasaini, 2021)

CSS is a styling method of describing the appearance of a Html file. CSS defines what features can look on a screen, in writing, in speech, in other forms of media. CSS is a style system that is used to define the look of web pages. It specifies how well a page created in a html code looks and is displayed. It adds to the functionality of HTML. This is frequently combined alongside HTML to adjust the layout of internet sites and user - friendly. (javatpoin, 2016)

JavaScript is the one of the most popular scripting programing language. it is light weight and mostly used to develop dynamic pages. it is implemented as client –side script in html to make page dynamic. It is case sensitive interpreted programing language with object-oriented capabilities. It was developed by Netscape. (pudasaini, 2021)

The goal and objective of the project is development of the attractive and user friendly website which should be responsive for the user. There should be the responsive the website page to connect with the user and website developer. The website is developed as responsive website by the use of the different HTML, CSS and JS. We used HTML for the hypertext code to the creation of the website and the CSS id used for the styling of the website. The html is used for the proper execution of the code as well as the CSS is used to provide different font, color and designing the code executed by the html in order to develop proper website. The java script is used for the solving the client side application with the prompts respond. It is used to connect the html and their file for the proper function of the code. It is used to connect the front end and back end of the code of website.

The HTML should be used for the base of the website. The CSS should be used on the website properly. The external CSS should be connect with website for the linking the styling font, graphics etc. the inline CSS is used for the styling the line in which CSS is implemented while developing the website. The internal CSS also should be used by given proper division name. The internal CSS help to make the website stylist by does not link any their element with the external CSS. In my project I have used all type of CSS the JS are used provide the user to make our website responsive. The JavaScript is used for the interaction to the webpage on the behalf of the user. It allows different users to interact with the page. It is used to give style and structure to the webpage. The external JavaScript have a separate code and html which allows them by linking the JavaScript.

1.4Verdict

HTML is the hypertext mark-up language is a standard markup language which is used to develop web pages. Hypertext is used for organizing information system and linking the related documents together by using worlds and links. The webpage consists of 5 pages which are connect with homepage with the nav tag. The homepage simply contains products and the introduction of my electronic gadget store asgard electronic gadgets. The homepage is the main website of the project which connect the four website. The goal and objective of the project is development of the attractive and user friendly website which should be responsive for the user. There should be the responsive the website page to connect with the user and website developer. developer. the main motive of my webpage is to provide and increase the reach among the large number of the customer to provide the proper gadget in the right time. The website is developed as responsive website by the use of the different HTML, CSS and JS. We used HTML for the hypertext code to the creation of the website and the CSS id used for the styling of the website. The use of HTML, CSS and JSS displayed on the webpage by the browser when the browser read the code executed by the html, and the styling of the CSS which form is uses just like inline external and connect with user to make website responsive.

2. Discussion and analysis.

The website is developed by using the HTML CSS and JS for attractive and responsive to the user and sublime-text software is used to create the webpages for my project. balsamiq software is used to create wireframe of the website.

2.1 Tools used to develop webpage

Sublime Text is a source code editor available to order. Many coding and markup languages is accessible out of its package. Apps, which have been see each and managed under unrestricted licenses, allow users to expand the functionality of the platform. Sublime Text includes a Powerful Framework for plugins building. It is the fast reliable and easiest accessible code editor. HTML, CSS and JS are feature of the sublime text. We can easily can make responsive webpage by using sublime text. (Anon., n.d.)

The webpages consist of 5 website home, product, blog contact and research. all these webpage is developed by using HTML, CSS and JS. HTML is used to provided data with the help of the HTML tag in order to analyzed data and provided about the use of the tag to the website. CSS is used for the styling the element in the webpages with the code written in external CSS and JavaScript is used have some function to make website responsive and contain function.

Some of the common tags used while developing the webpage are mentioned below;

- `<!DOCTYPE>` = it is used to define type of the document.
- `<html>`= it is used to define root and connect with html document.
- `<head>`= it is used to define head section of HTML document
- `<body>`= it is used to write content and element in HTML document
- `<div>` = it is used to refer division class
- `<a>` = it is used as anchor tag and used for creating link for homepages.
- `` = it is used to make text in bold format.
- `<p>` = it is used to write paragraph in HTML document.

- `<h1>` = it is used to define a title.
- `` = it is used to insert image in webpage
- `<footer>` = it is used to refers footer section.
- `<input>` = it is used for insert data in the empty box.
- `<nav>` = it is used for navigation.
- `<style>` = it is used to give style to the HTML document.
- `<script>` = it is used to declare JavaScript in the website
- `<tr>` = it is used to create table row.
- `<table>` = it is used to create table in HTML document.
- `<td>` = it is used for the description in table.
- `<th>` = it defines the heading of the table.
- `<title>` = it is used to define the title name.
- `<meta>` = it is used define meta data of document.

2.2Tools used to develop wireframe

Balsamiq Wireframes is a prototype tool for creating interfaces. You can use to make electronic sketches of your app or website concept or idea to assist with discussion and knowledge before writing code. It is used to create a digital image of your idea and design to apps and web development. wireframe is developed by the component in this applications. some of example are container, text, icons links etc. (balsamiq, 2020)

3. wireframe

A wireframe is a double representation of a post's layout which emphasizes on content sorting and resource management, and also available functionalities and intended behaviours. For this, wireframes never include any style, colour, or images. In every site or app development, wire framing is indeed an important means of communication. It allows the customer, programmer, and user to go through website's core without even being influenced by design factors such colours and images (seguetech, 2018)

3.1 Wireframe of the homepage

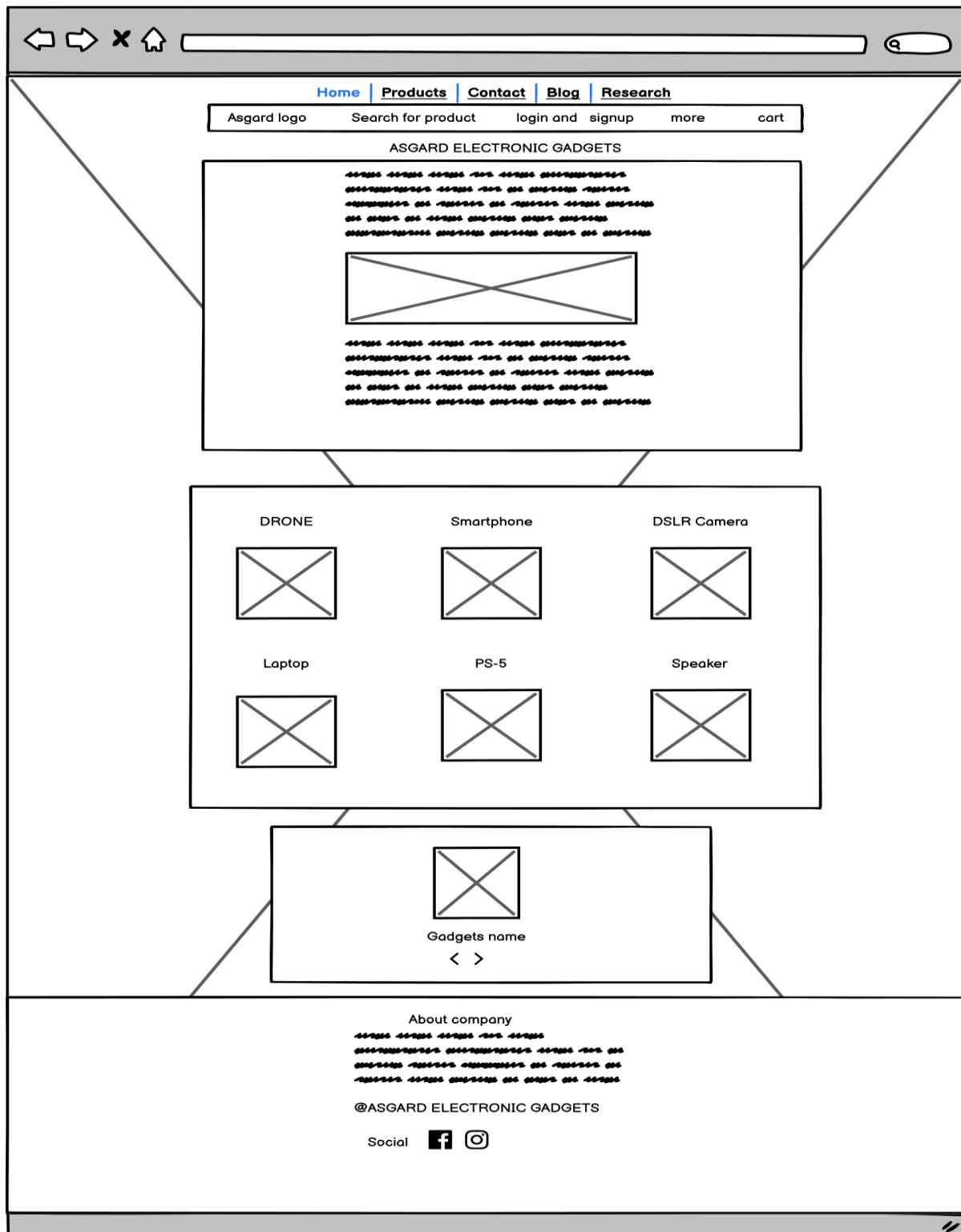


Figure 1 Wireframe of home

3.2 Wireframe of the product

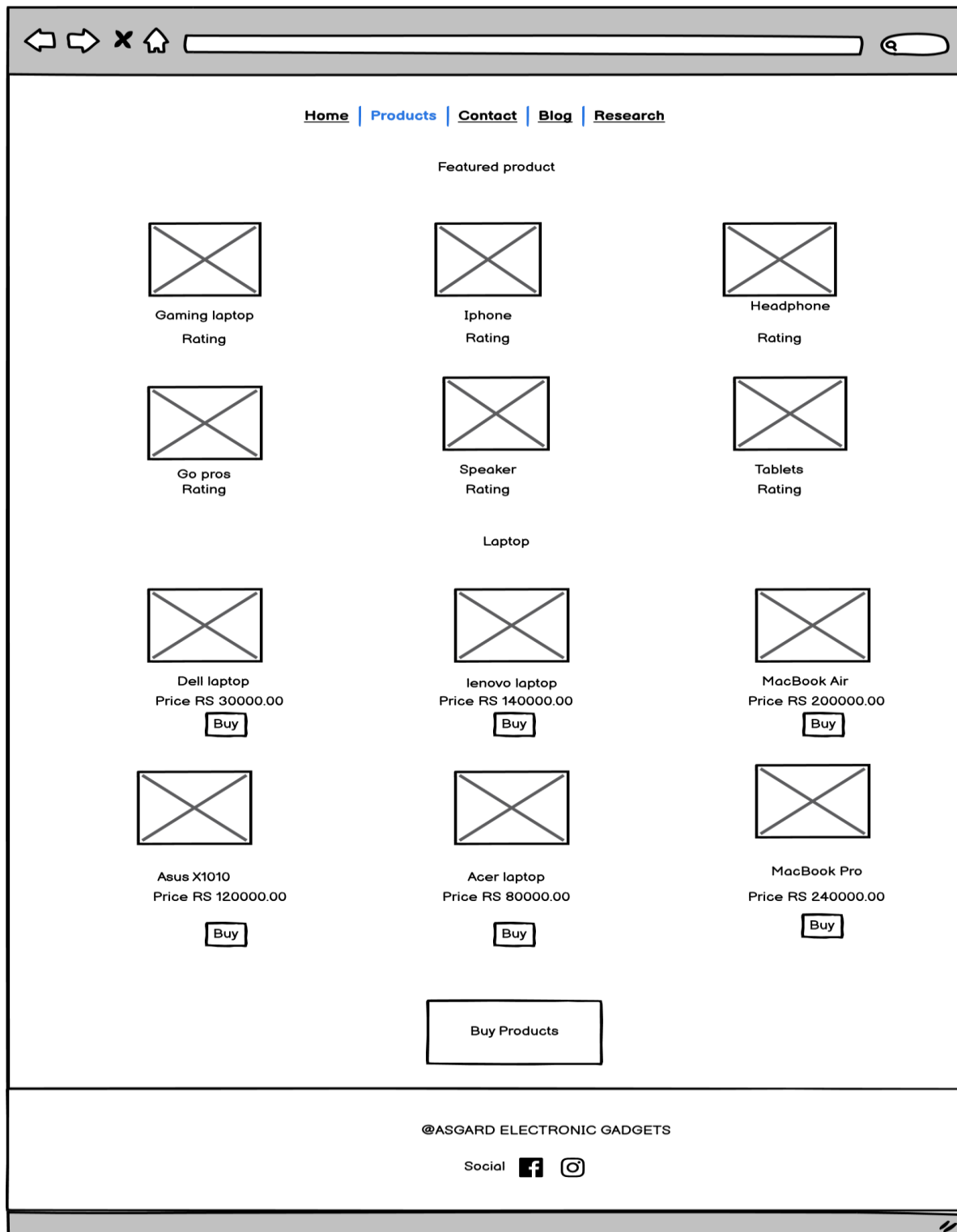


Figure 2 Wireframe of product

3.3 Wireframe of the contact

The wireframe illustrates a web page layout for a contact form. At the top, a browser window header displays navigation icons and a URL bar. Below this is a horizontal navigation menu with links to Home, Products, Contact (highlighted), Blog, and Research. The main content area is titled 'Contact us' and contains an 'Inquiry form'. The form includes input fields for 'First name', 'Last name', and 'Email', followed by a 'Branch location' dropdown menu. Below these are radio buttons for 'Gender' (male and Female). A text area for 'If any inquiry' is accompanied by a 'write a message' button. At the bottom of the form are 'Submit' and 'Reset' buttons. The footer section contains the text '@ASGARD ELECTRONIC GADGETS' and social media icons for Facebook and Instagram.

A Web Page

https://

Home | Products | **Contact** | Blog | Research

Contact us

Inquiry form

First name :

Last name :

Email :

Branch location

Branch location ▼

Gender ☐ male ☐ Female

If any inquiry

write a message

Submit

Reset

@ASGARD ELECTRONIC GADGETS



Social  

Figure 3 Wireframe of contact

3.4 Wireframe of the blog

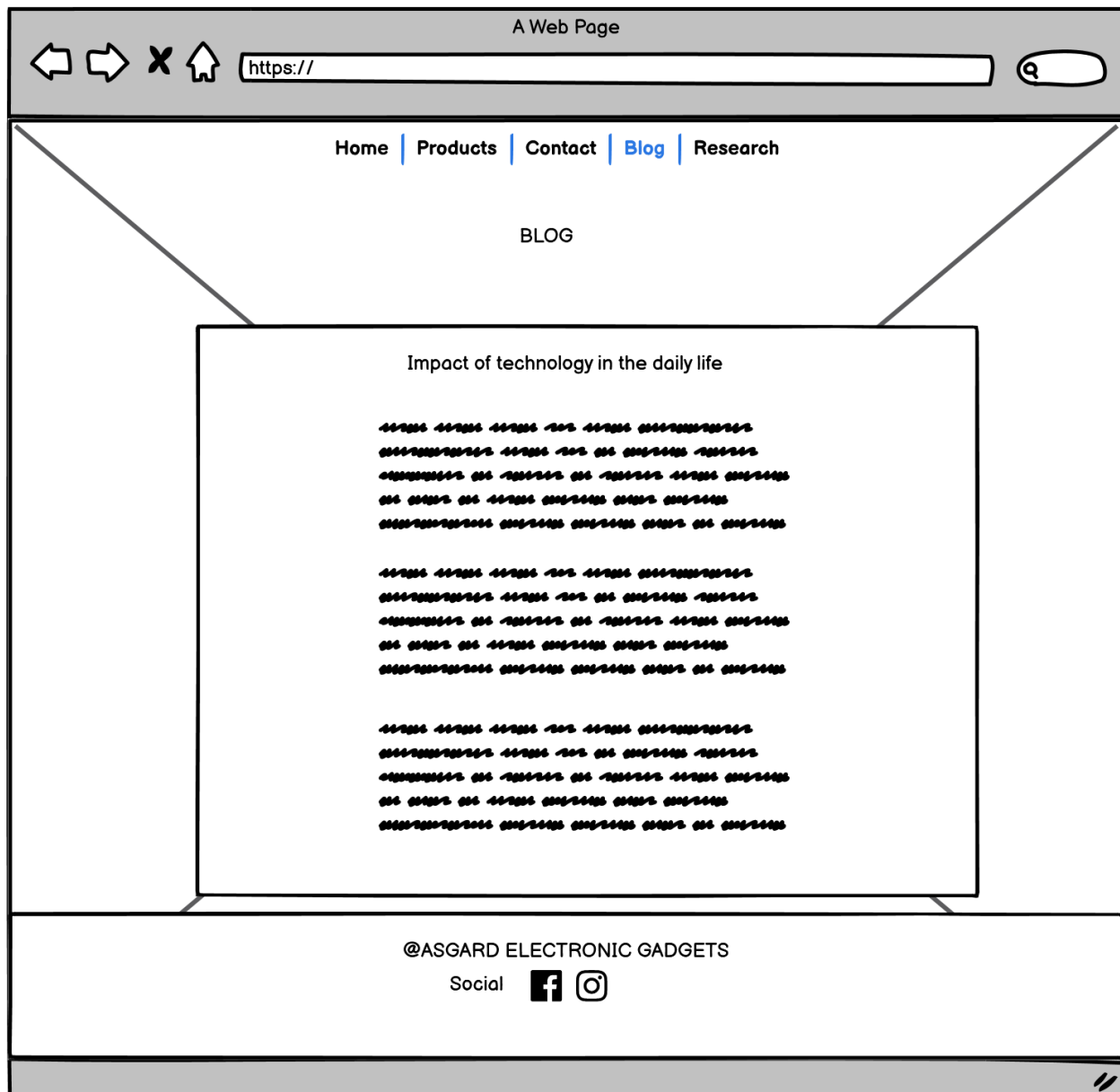


Figure 4 Wireframe of blog

3.5 Wireframe of the Research

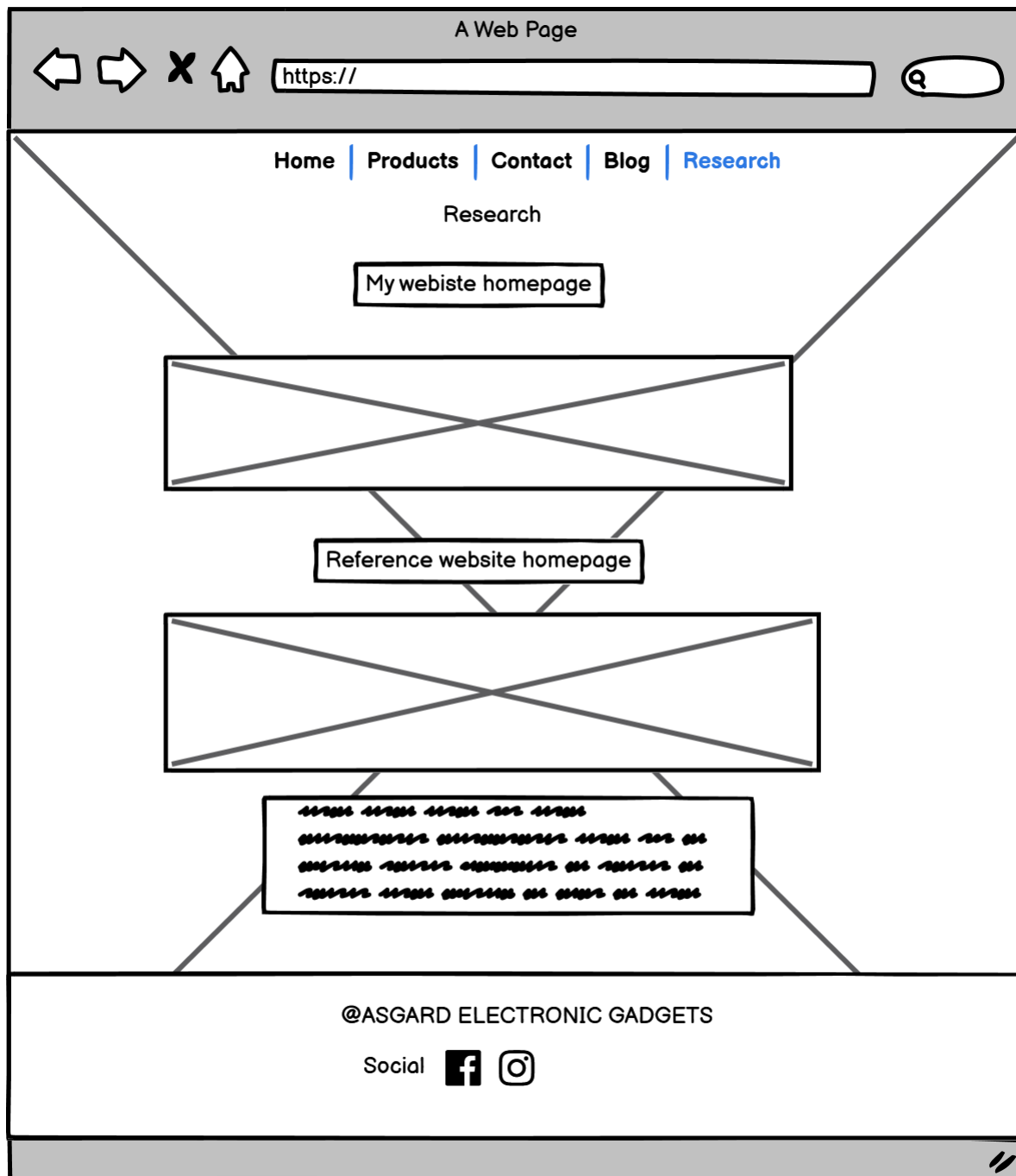


Figure 5 Wireframe of Research

4.Content in website

4.1Homepage

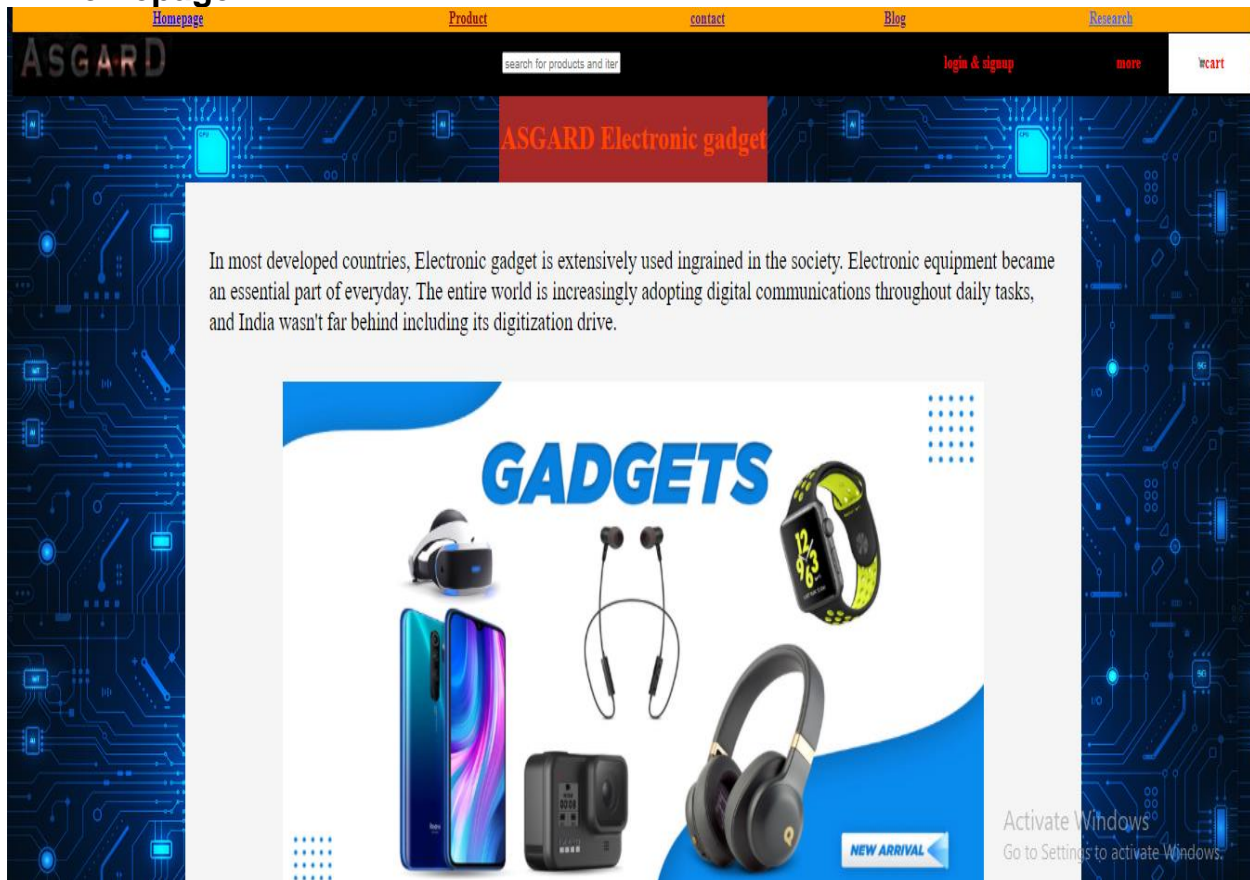


Figure 6 content of homepage

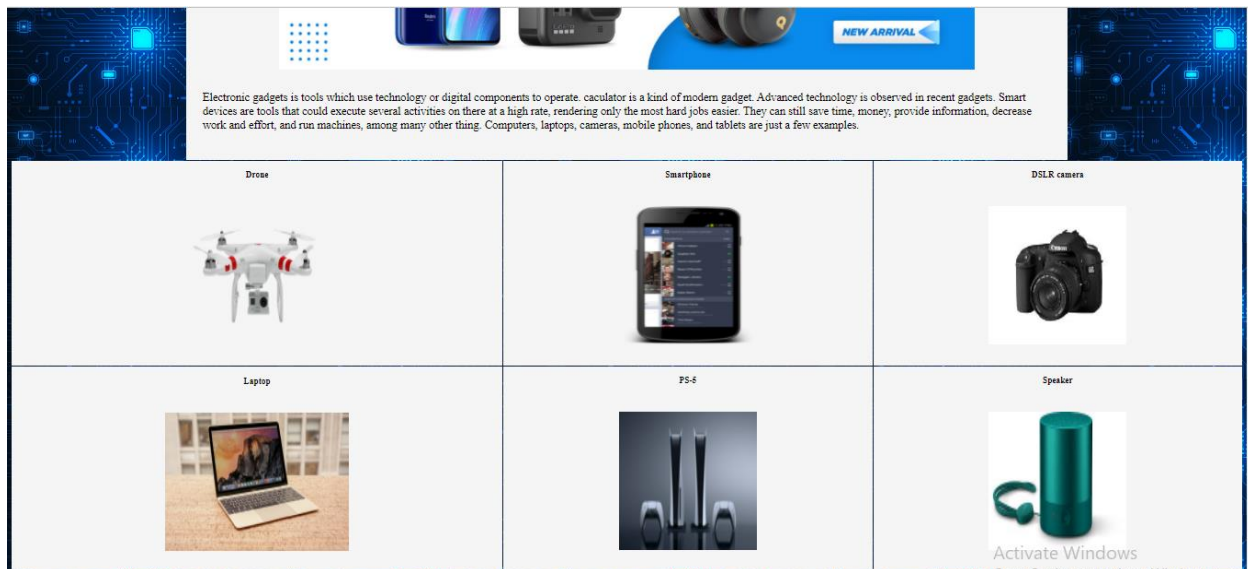


Figure 7 content of homepage 2

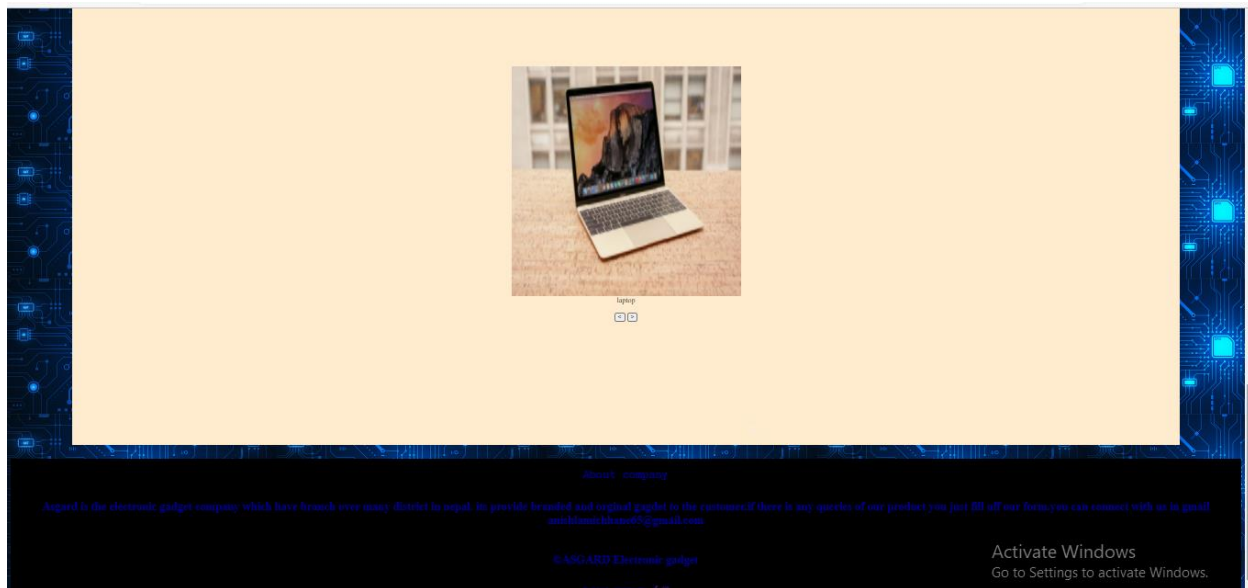


Figure 8 content of homepage 3

4.2Product

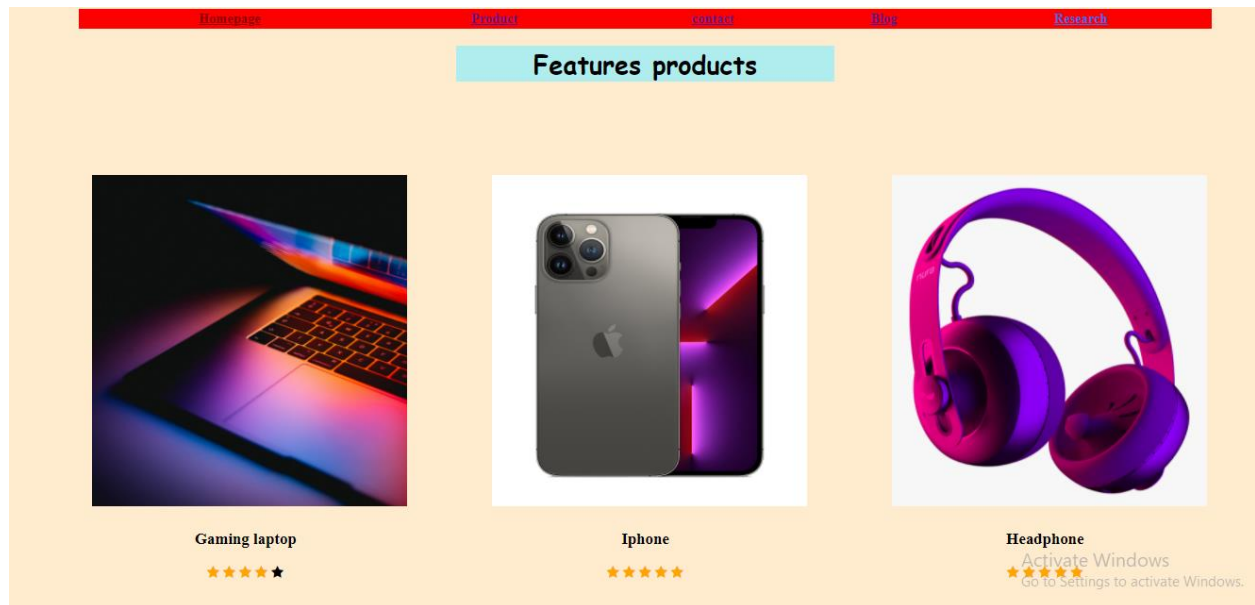


Figure 9 Content of product

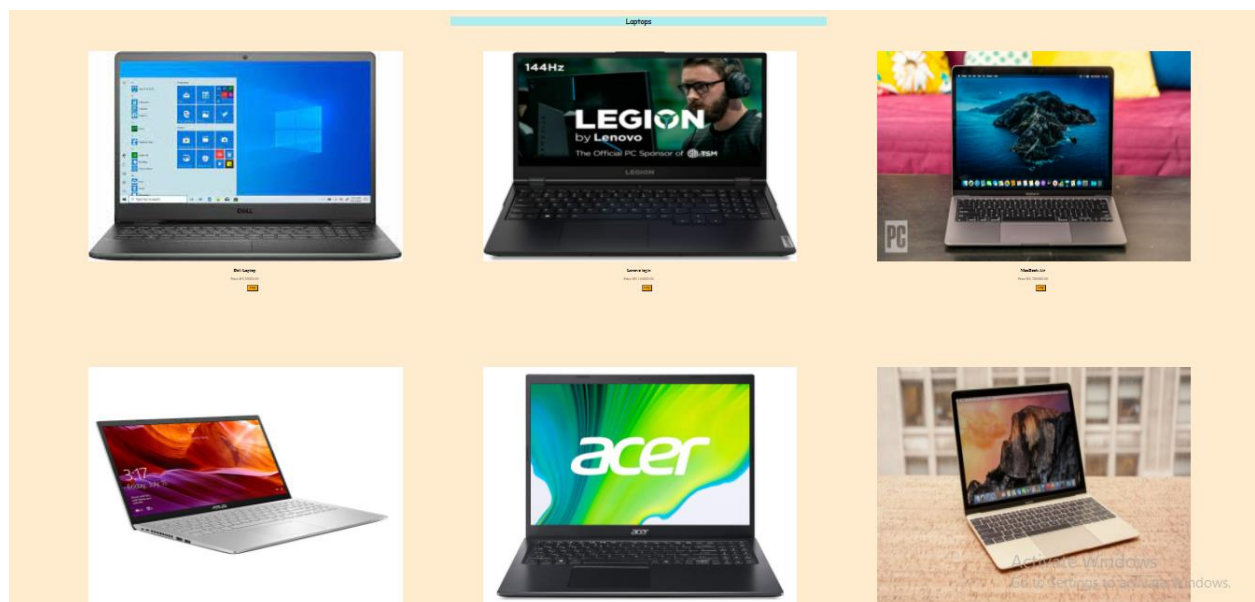


Figure 10 Content of product 2

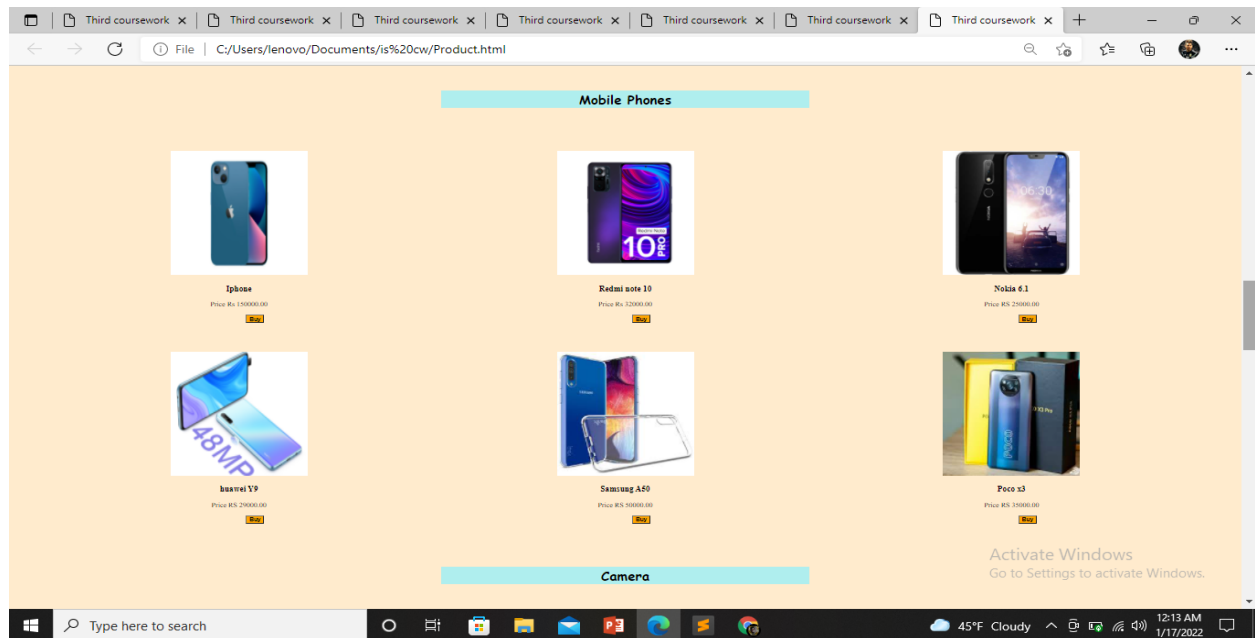


Figure 11 Content of product 3

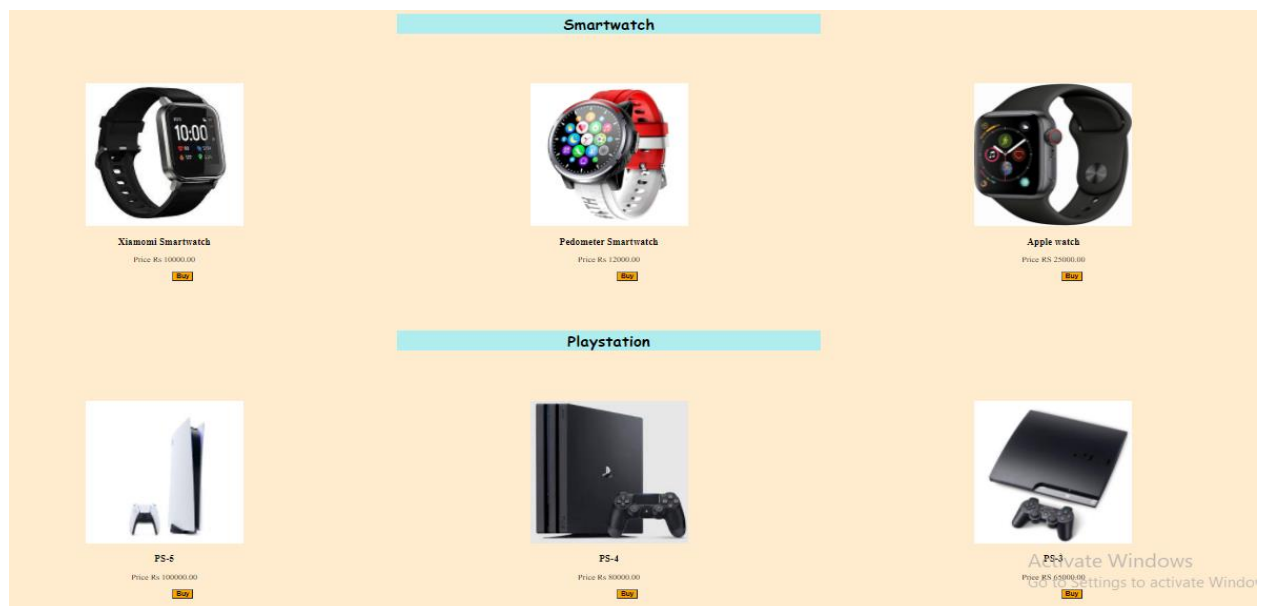


Figure 12 Content of product 4

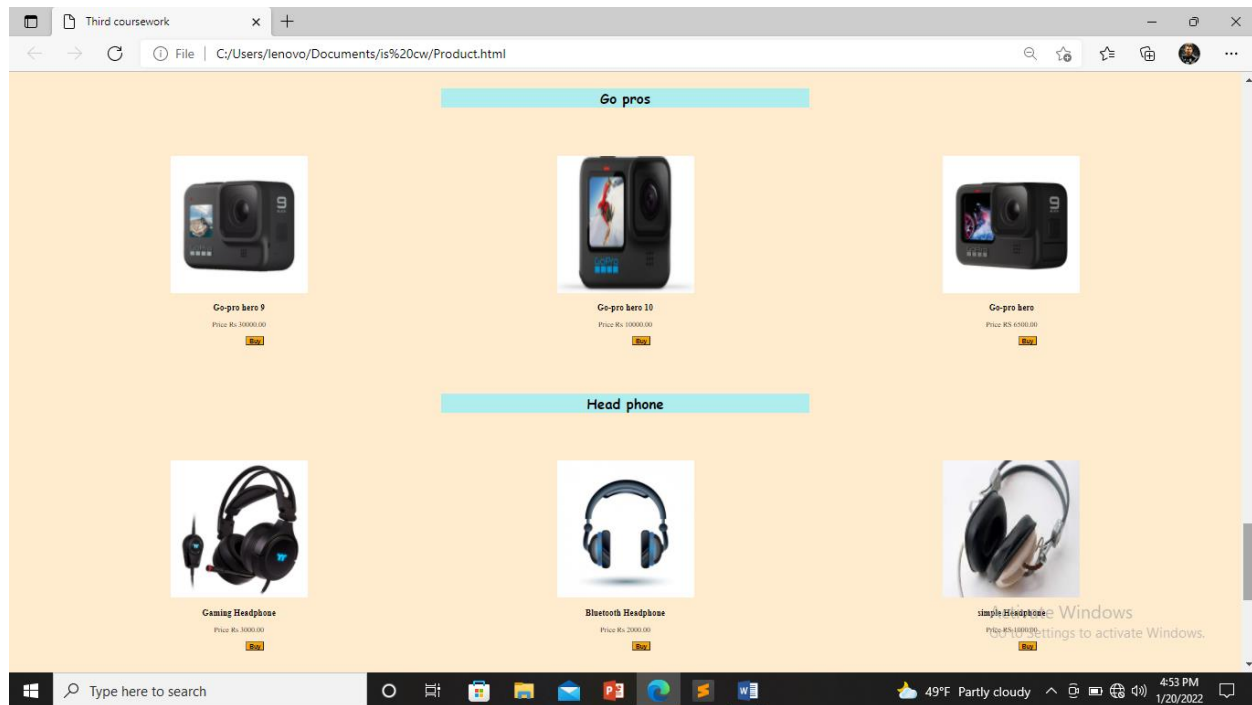


Figure 13 Content of product 5

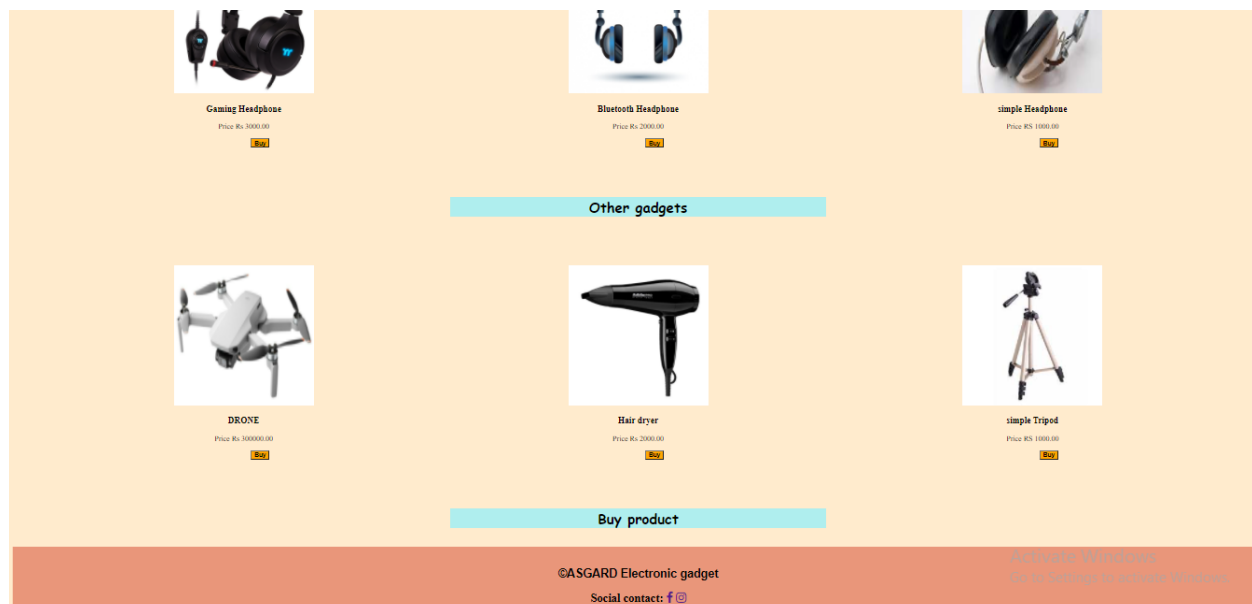
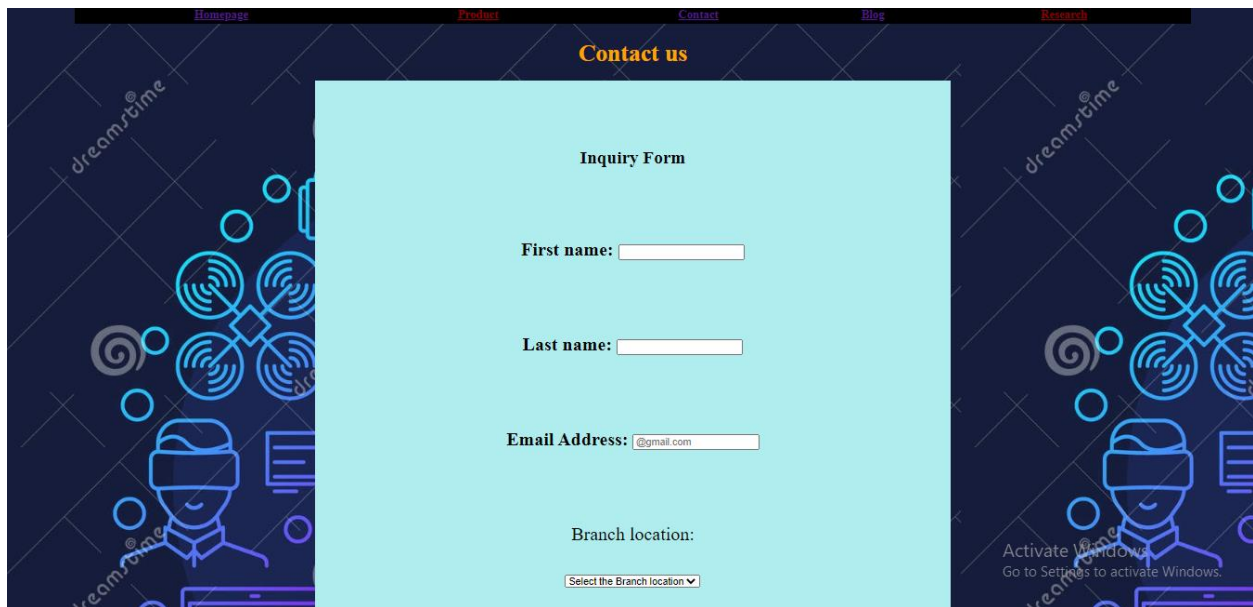


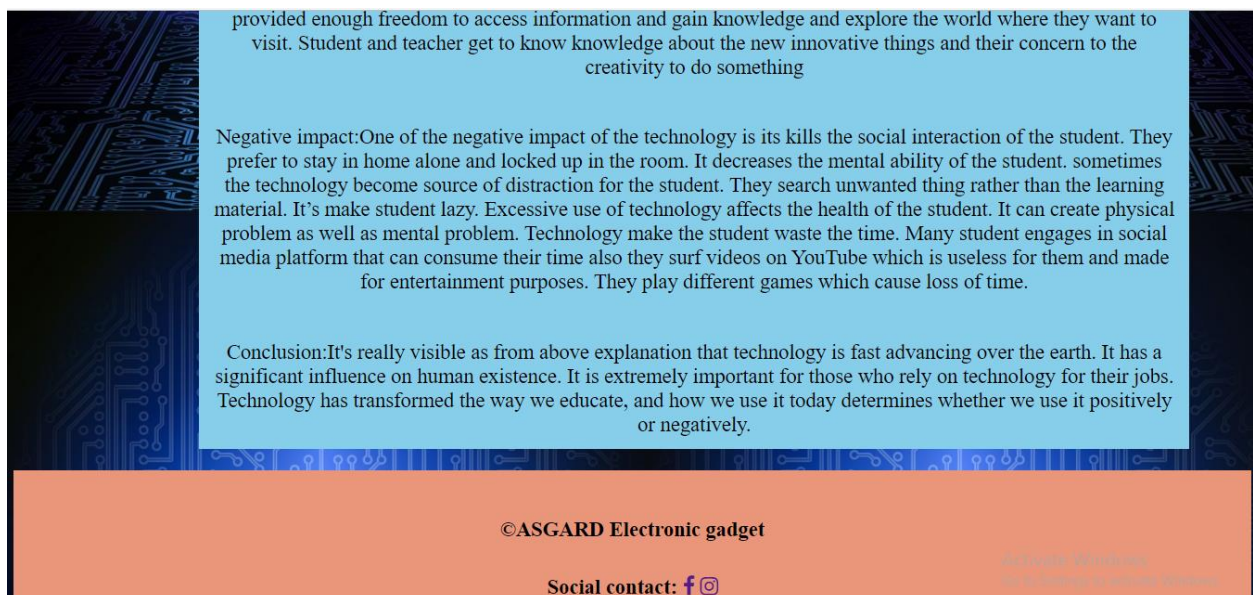
Figure 14 Content of product 6

4.3 Contact page



The screenshot shows a 'Contact us' page with a light blue background. At the top, there is a navigation bar with links: 'Homepage', 'Product', 'Contact', 'Blog', and 'Research'. The main heading is 'Contact us'. Below it is an 'Inquiry Form' with the following fields: 'First name:', 'Last name:', 'Email Address:' (with a placeholder '@gmail.com'), and 'Branch location:' (with a dropdown menu labeled 'Select the Branch location'). The background features a dark blue pattern with icons of a person wearing a VR headset and various network symbols.

Figure 15 Content of Contact



The screenshot shows a page with a dark blue background featuring a circuit pattern. The main content is in a light blue box. It contains three paragraphs: a positive impact paragraph, a negative impact paragraph, and a conclusion paragraph. At the bottom, there is an orange footer with the text '©ASGARD Electronic gadget' and 'Social contact: f i'. A Windows watermark is visible in the bottom right corner.

provided enough freedom to access information and gain knowledge and explore the world where they want to visit. Student and teacher get to know knowledge about the new innovative things and their concern to the creativity to do something

Negative impact: One of the negative impact of the technology is it kills the social interaction of the student. They prefer to stay in home alone and locked up in the room. It decreases the mental ability of the student. Sometimes the technology becomes a source of distraction for the student. They search unwanted things rather than learning material. It makes students lazy. Excessive use of technology affects the health of the student. It can create physical problems as well as mental problems. Technology makes the student waste time. Many students engage in social media platforms that can consume their time also. They surf videos on YouTube which is useless for them and made for entertainment purposes. They play different games which cause loss of time.

Conclusion: It's really visible as from above explanation that technology is fast advancing over the earth. It has a significant influence on human existence. It is extremely important for those who rely on technology for their jobs. Technology has transformed the way we educate, and how we use it today determines whether we use it positively or negatively.

©ASGARD Electronic gadget

Social contact: f i

Figure 16 Content of Contact 2

4.4Blog page



Figure 17 Content of blog

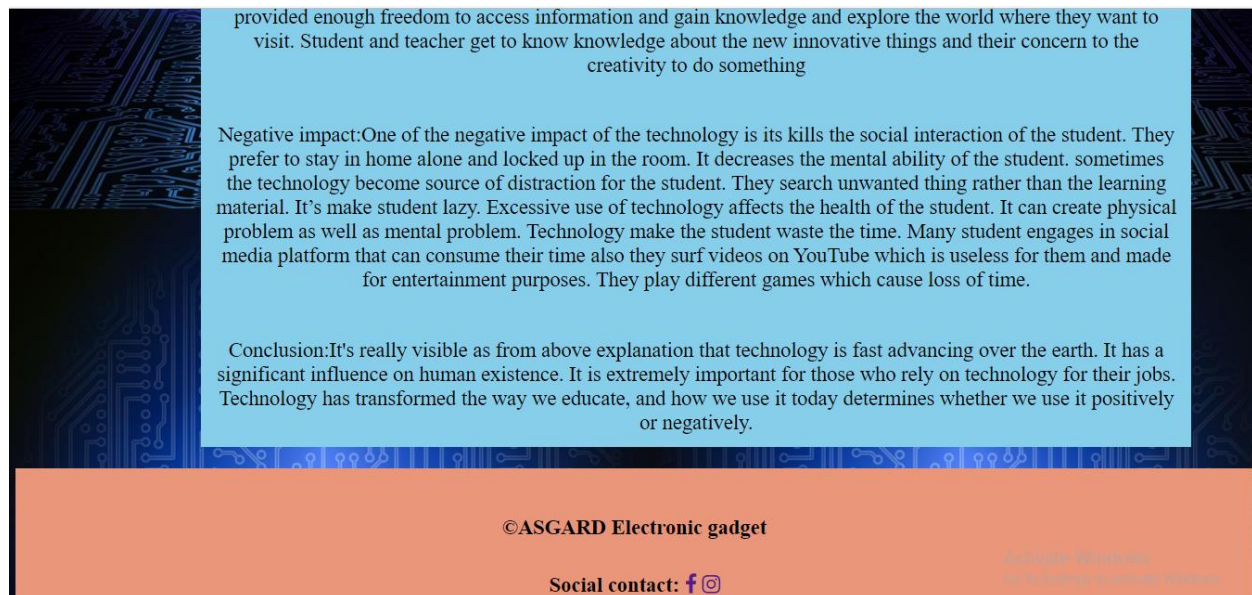


Figure 18 Content of blog 1

4.5 Research page

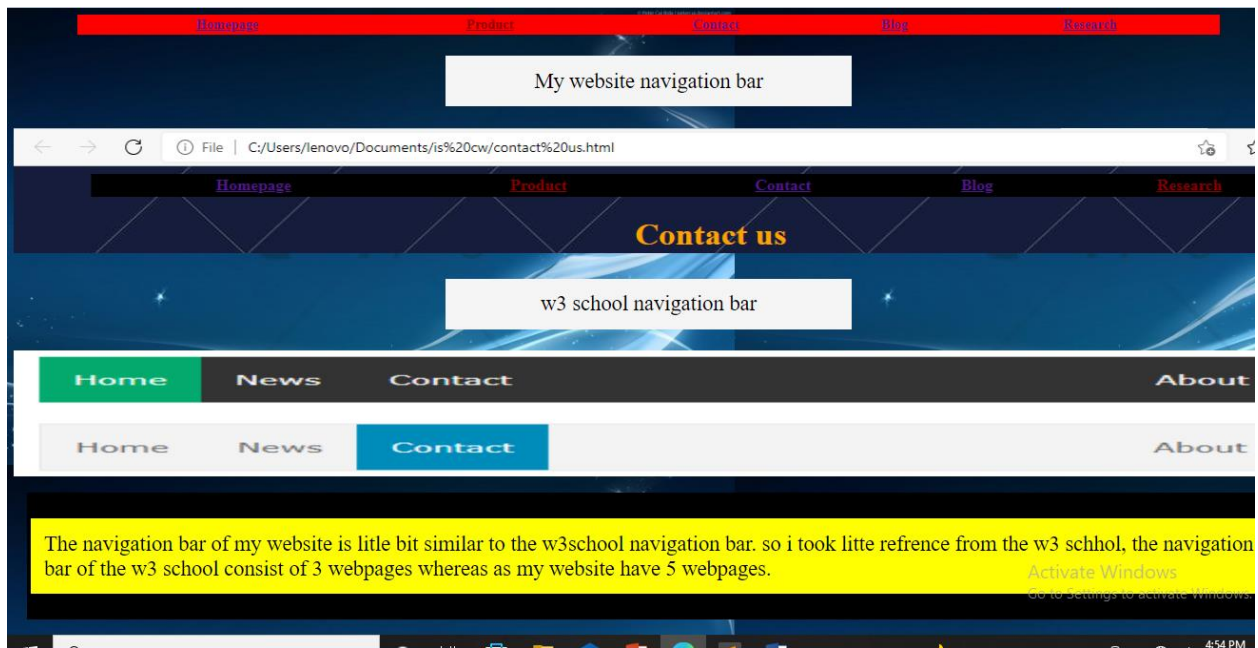
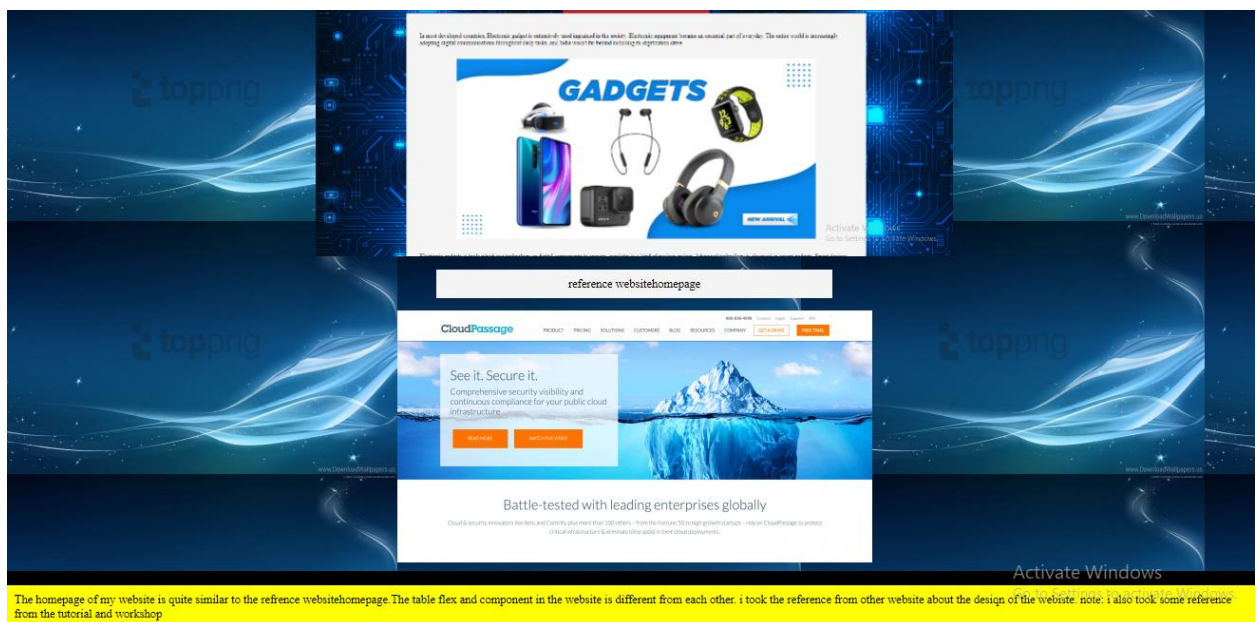
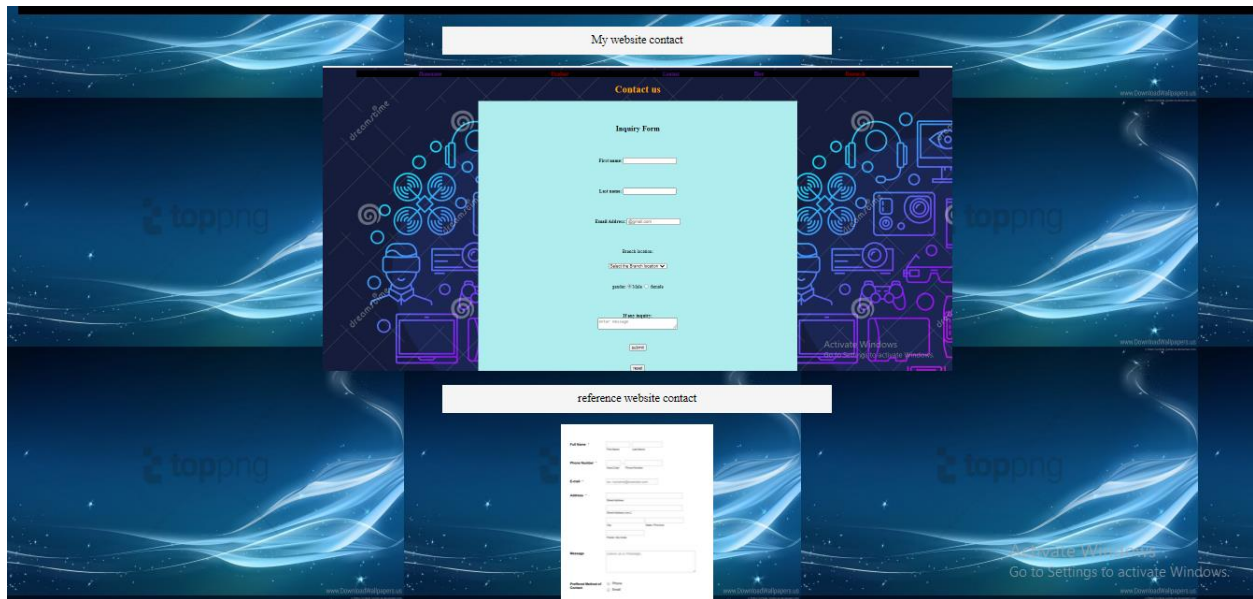


Figure 19 Content of research

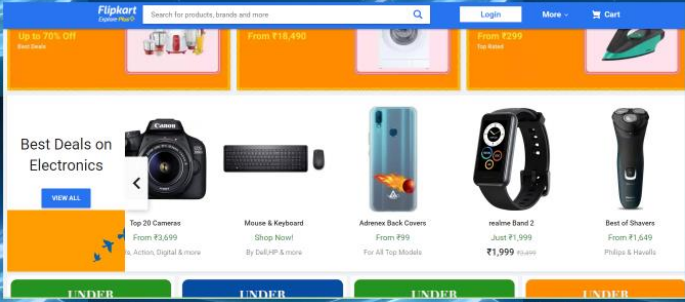




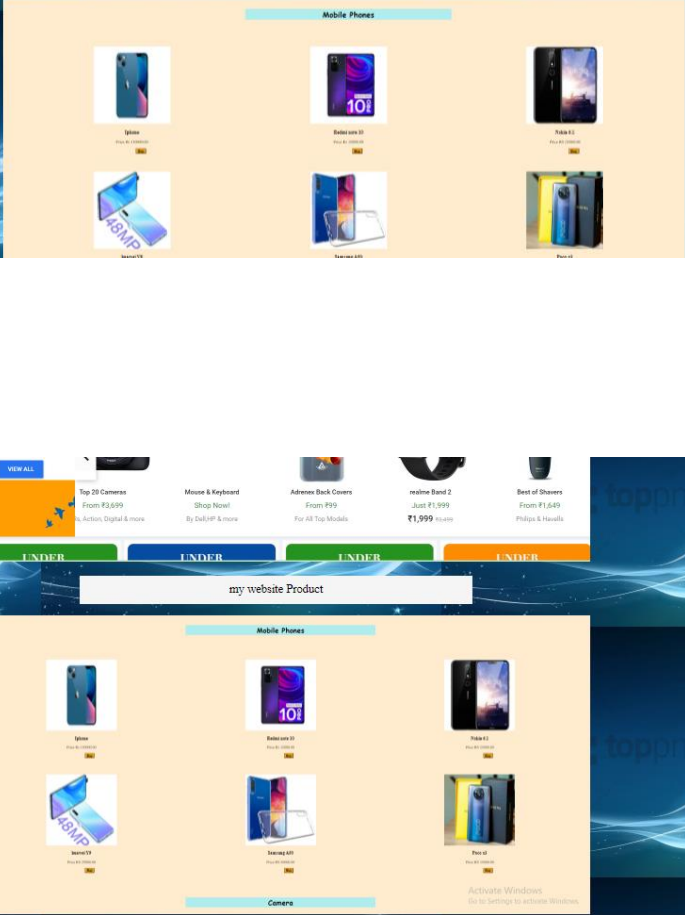
The contact of my website have some similarities and dissimilarities from the contact reference. my contact have a gender, reset and lastname and branch location and the reference contact have phonenumber etc. note: i also took some reference from the tutorial and workshop.



Reference website Product



my website Product



The Product page of my website have some similarities and dissimilarities from the product of website reference .my Product page have many variety of the product than the reference website .

©ASGARD Electronic gadget

Social contact: f @

5. Testing

5.1. Test 1

Test whether hover effect will work or not

Objective	To test the whether hover effect will work or not
Action	Mouse point was pointed on the navigation bar of product on the product page
Expected results	Product will be highlighted
Actual results	Product become highlighted
Conclusion	The test is successful

Table 1 test 1

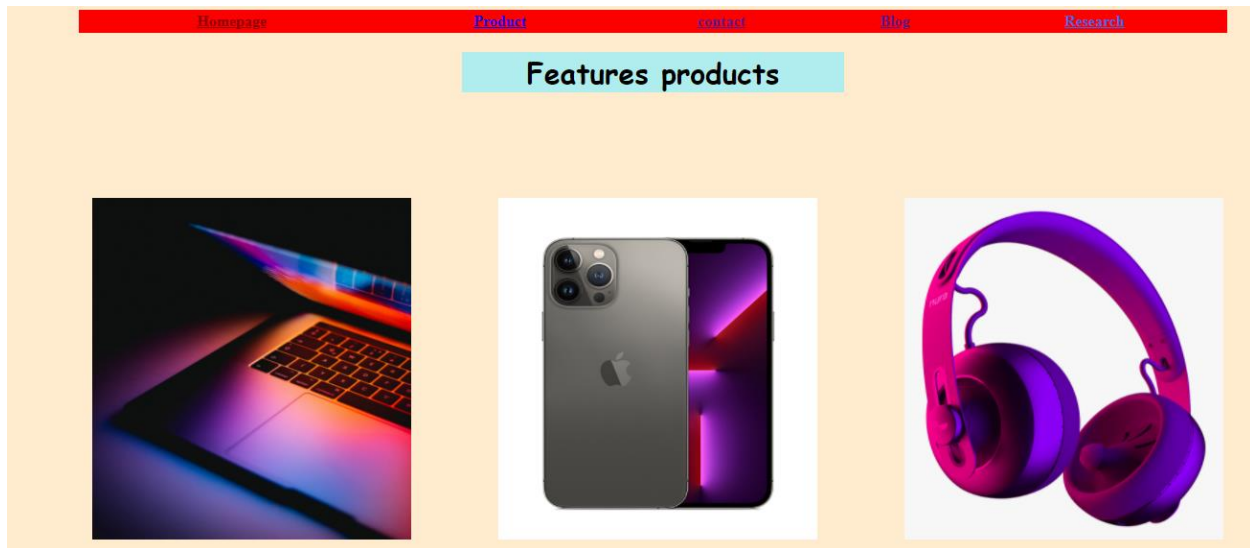


Figure 20 before hover effect

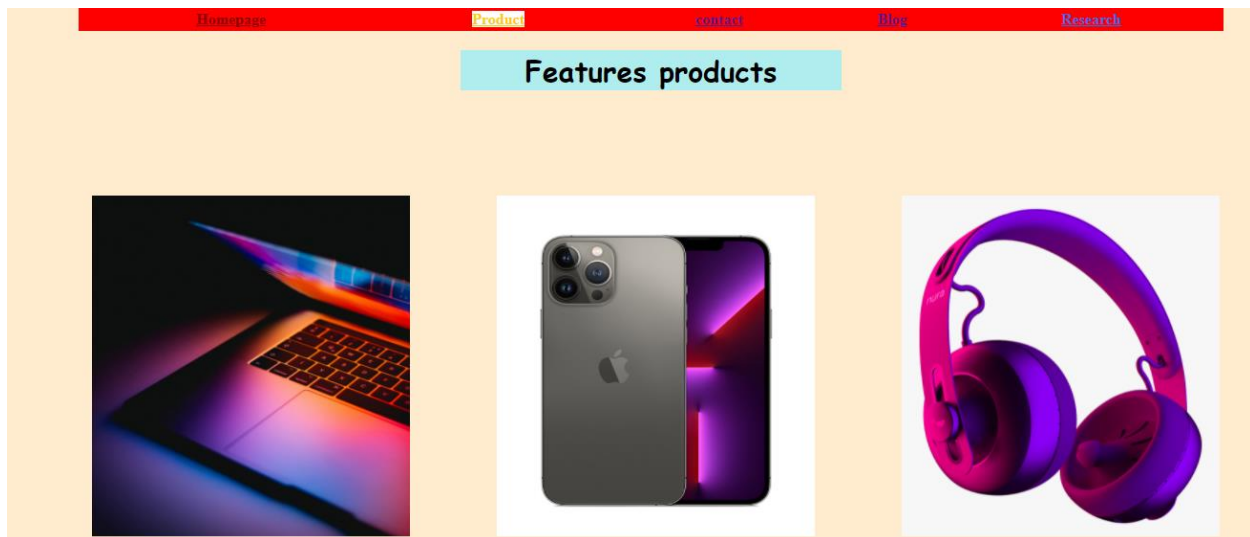


Figure 21 after hover effect

5.2 Test 2

Test whether pop-up message will display or not.

Objective	Test whether pop-up message will display or not.
Action	First name and last name is not filled
Expected results	pop-up message will be display
Actual results	pop-up message is display
Conclusion	The test is successful

Table 2 test 2

First name:

Last name:

Email Address:

Branch location:

gender: ☒ Male ☐ female

If any inquiry:

Figure 22 Before fill the form

This page says
Please fill required information

Last name:

Email Address:

Branch location:

gender: ☒ Male ☐ female

If any inquiry:

Figure 23 After filling the form

5.3 Test 3

Test whether image will slide or not

Objective	To Test whether image will slide or not
Action	Homepage of website will be opened
Expected results	Image will be slide automatically
Actual results	Image is slides automatically
Conclusion	The test is successful

Table 3 test 3

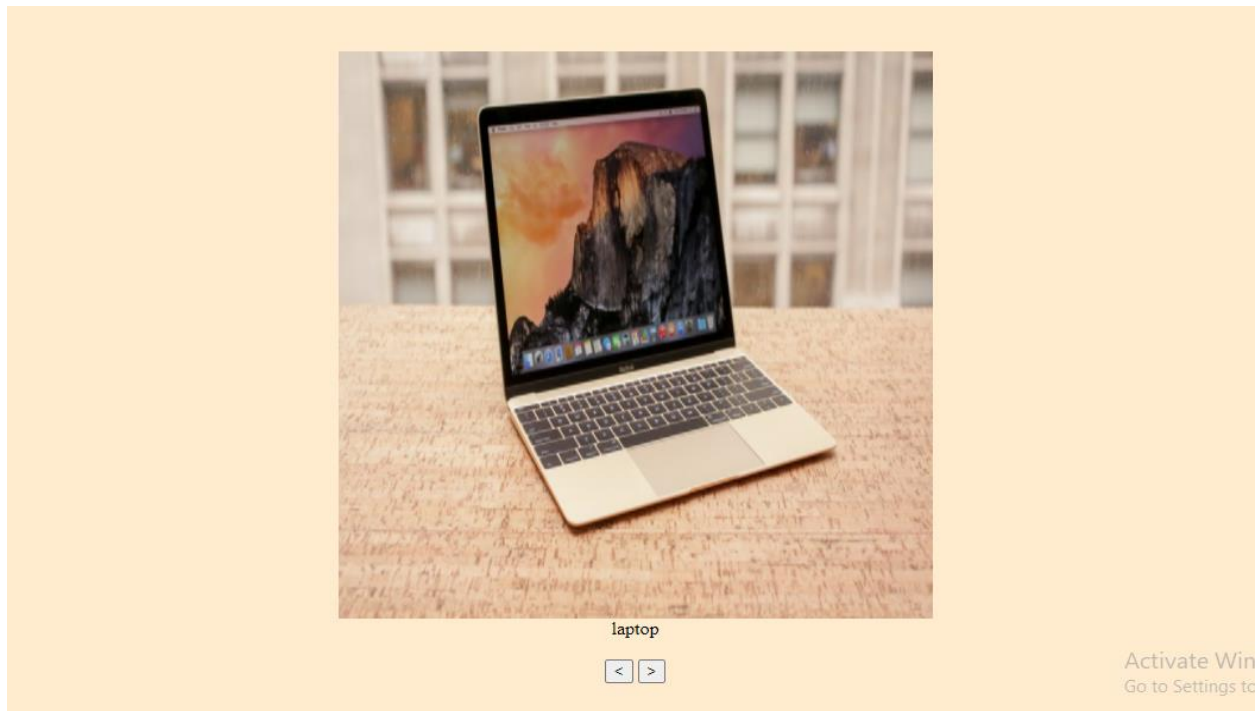


Figure 24 before sliding the image

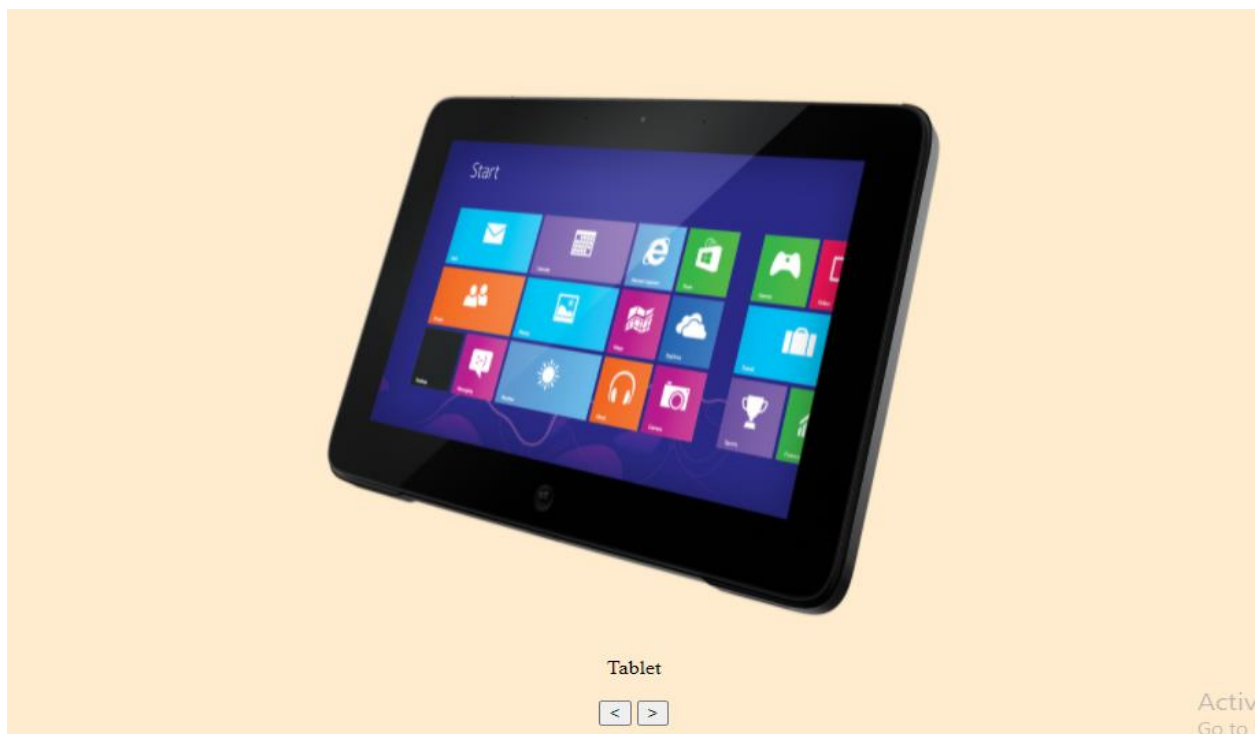


Figure 25 after sliding the image

5.4 Test 4

To test the change, the content after clicking

Objective	To test the change, the content after clicking
Action	Product of website will be opened
Expected results	The content buy product will be change after clicking to The product has been successfully bought go to contact form and submit our inquiry form. thank you
Actual results	The content buy product is change to after clicking to the product has been successfully bought go to contact form and submit our inquiry form. thank you
Conclusion	The test is successful

Table 4 test 4

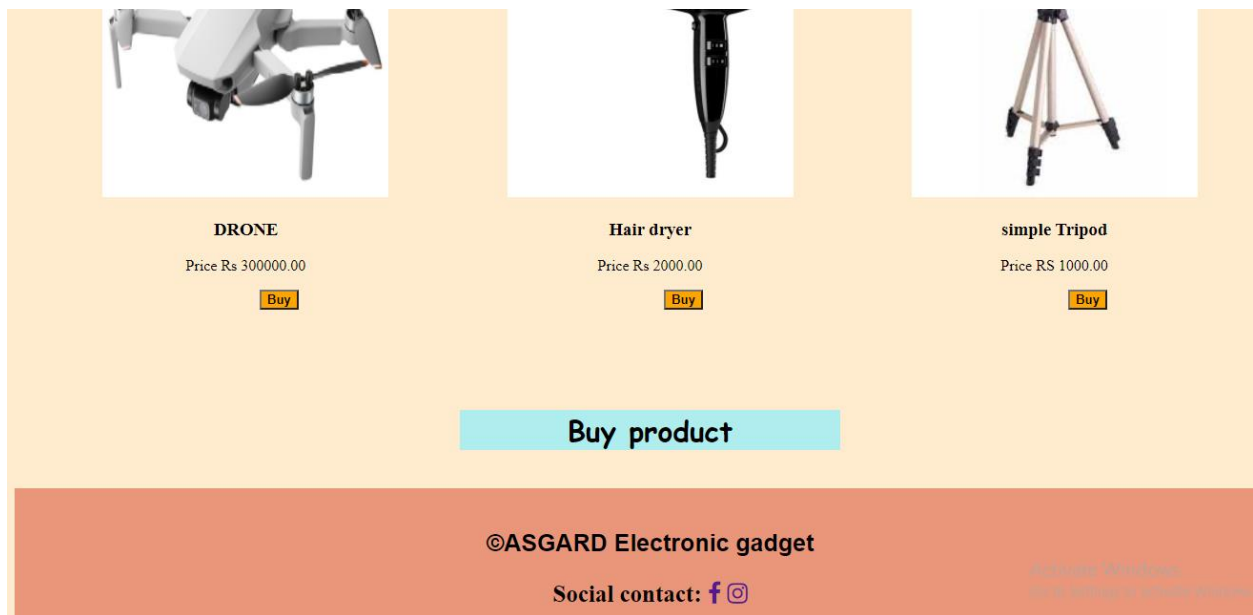


Figure 26 before clicking

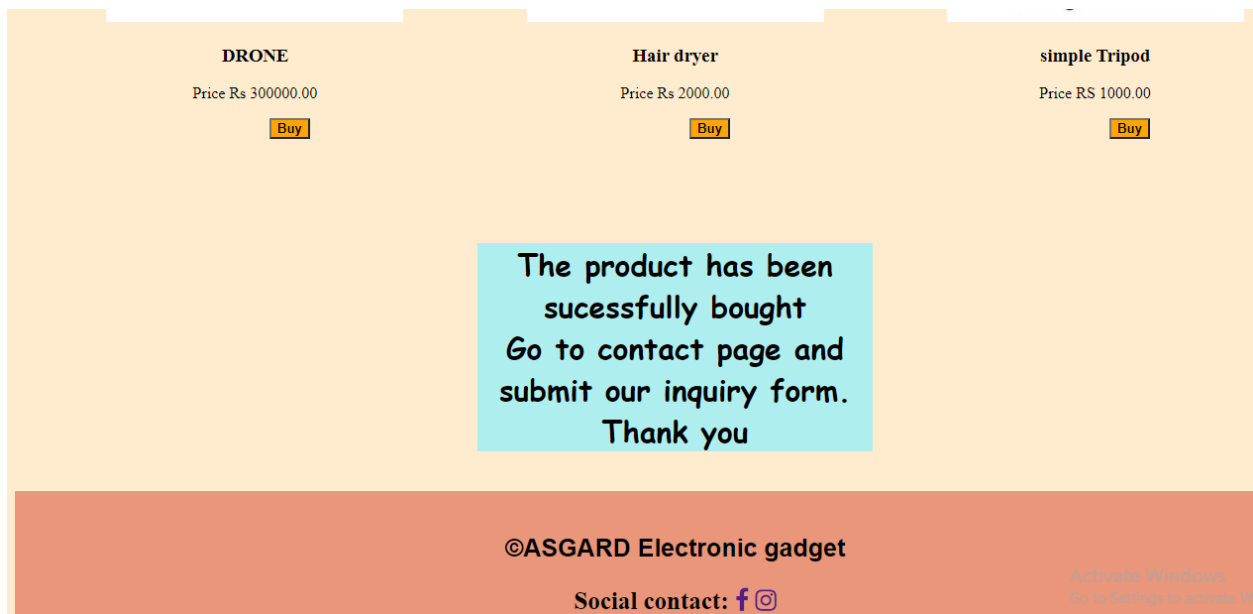


Figure 27 after clicking

5.5 Test 5

Test whether internal link is working or not

Objective	To Test whether internal link is working or not
Action	Contact page of website will be opened and click to blog of navigation blog
Expected results	The blog website will be opened
Actual results	The blog website is opened
Conclusion	The test is successful

Table 5 test 5

Homepage Product Contact **Blog** Research

Contact us

Inquiry Form

First name:

Last name:

Email Address:

Branch location:

Figure 28 before internal link

Homepage Product Contact **Blog** Research

BLOG

Impact of technology in the daily life

Technology is the application of knowledge to serious challenges, whether it be in industries or in our daily lives. Basically, we develop solutions anytime we implement our knowledge of science to accomplish a certain goal. There was a little more to it, though. Tech normally involves use of a specific piece of equipment, which can be as remarkably easy or brilliantly vast. The goal of technology is to allow effective file transfers to resolve several of society's more critical matters and also to promote businesses and individuals in being more imaginative, efficient, and profitable. Nevertheless, there have always been good and bad consequences to specific actions. Technology has both beneficial and harmful effects on daily living

Positive impact: When we use technology certain things get easier. The use of technology can increase motivation and interaction in social activities. They can engage in different social media platform and gain the knowledge. the technology increases the creativity of the people as well as student. It enhances the creativity skill of the student to solve the particular queries. It helps to maintain the students project secure and future use. It also helps student

Figure 29 after internal link

6. Conclusion

This coursework is quite different and completely new for me. It took long time for the completion of the project. The project is completely performing with the guidelines provided by tutor. I did not know many things about the HTML, CSS and JS but while doing project my lot of queries are solved in this project. Even though I feel difficulties while developing the webpages I developed responsive and attractive website. The five pages are successfully created with the help of the Sublime Text. Those pages are home, product, contact, blog and research. The homepage consists the page related about the information of the webpage. The product page of the website contains the product of the store who sells product digitally. The contact page contains the inquiry form which will provide customer inquiry to us. The blog page contains the impact on technology in the daily life. The research page has five references which are used to develop my website. The wireframe is created by using Balsamiq application which is completely new for student, while developing the wireframe many difficulties arise after taking reference of YouTube many queries are solved in the project.

I take many references from W3 School and YouTube when I have regarding confusion about the project. The Sublime Text is very useful because it will have generated the tags automatically. The main problem I have faced is used of CSS. There are three types of CSS inline, External and internal. Most I use internal and inline CSS in my project. And there are many errors while I creating a product page by flexing. I perform many research and completed my queries.

1/20/22, 11:14 PM

Report_Format_CW1 (2)

Originality report

COURSE NAME
CC4057NI - Introduction to Information Systems (Computing Faculty)

STUDENT NAME
ANISH LAMICHHANE BSc (Hons) in Computing

FILE NAME
Report_Format_CW1 (2)

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