

FRONT END PROJECT

## MOBILE GALLERY

# MOBILE GALLERY

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## **INTRODUCTION**

We have created a mobile gallery website for a mobile selling. This website displays different types of mobiles such as iPhone, Samsung, and ASUS. Each of these categories has numerous varieties of mobiles available on our site. Mobiles are displayed with different features which are explained on webpage. User can add products to the cart and buy it. We have Contact and about page where user can check about offline location and about next updates.

## **TECHNOLOGIES**

### **MULTIPAGE WEBSITE:**

On multipage website user can visit different webpages, which represent the separate content. We made a shoes website, which have different categories such as men, women, kids, sales, brands. This is the e-commerce website, so it is easy to categories different products on different webpages and easy to understand for the end user. All the categories are clearly visible on navigation bar.

### **HTML 5.0:**

HTML is the hypertext markup language. This static language is used for front end web development and builds the structure of the webpages. Content is defined within start and end tags such as <div> Hi</div>. There are various different tags in HTML like audio tag, video tag, br tag, nav tag, textarea tag, header tag, footer tag, meta tag, style tag, head tag, script tag and many more. In html, we can use forms to make different kind of webpages like signup, login and feedback and many more.

### **CSS 3.0:**

CSS is the cascading style sheets, which are used In HTML tags as it is making the webpages more attractive and formatted. CSS has many features like background color, font size, text color, alignment, transition, transform and border alignment. We can make the external files and apply changes on all the webpages. There are three types of CSS: Internal CSS, Inline CSS and External CSS.

### **Bootstrap:**

Bootstrap is used for creating responsive webpages. User can easily open the site on their mobile phone, iPad and laptop. We have applied different classes of bootstrap such as container, Col, d-flex justify.

### **JavaScript:**

JavaScript is scripting language which is used to create dynamic webpages. Here it is used for this project, where we made the different functions on click getCursorPos, addtocart, updateitelquanitity and so on.

### **jQuery:**

jQuery is the JavaScript library, which wraps all the methods and call them in a single line such as mouseover, mouse out, touchmove and addEventListener.

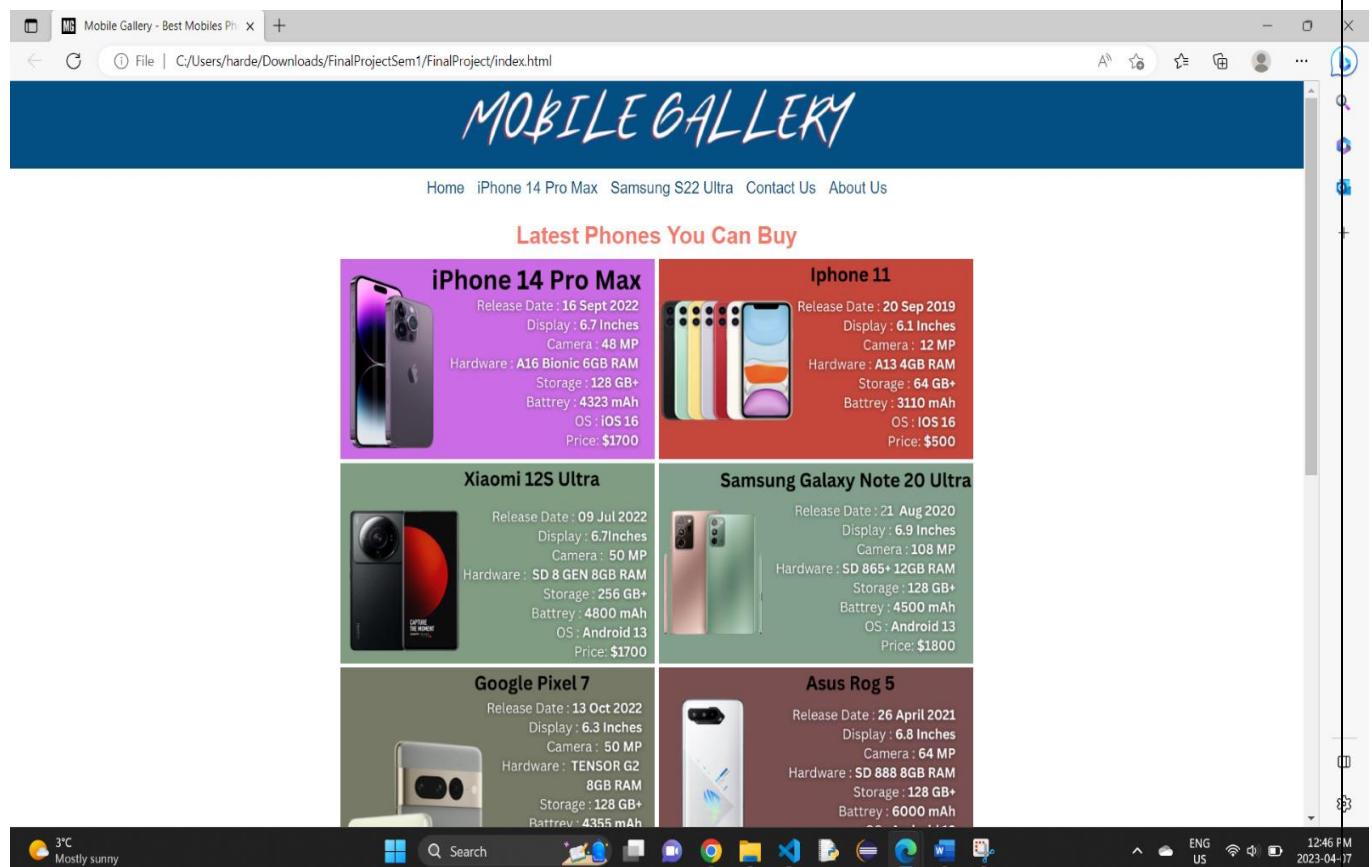
## JSON:

JSON is the JavaScript object notation. We used JSON for storing data on when user add items to the cart and pay for that. Data is stored in JSON text file.

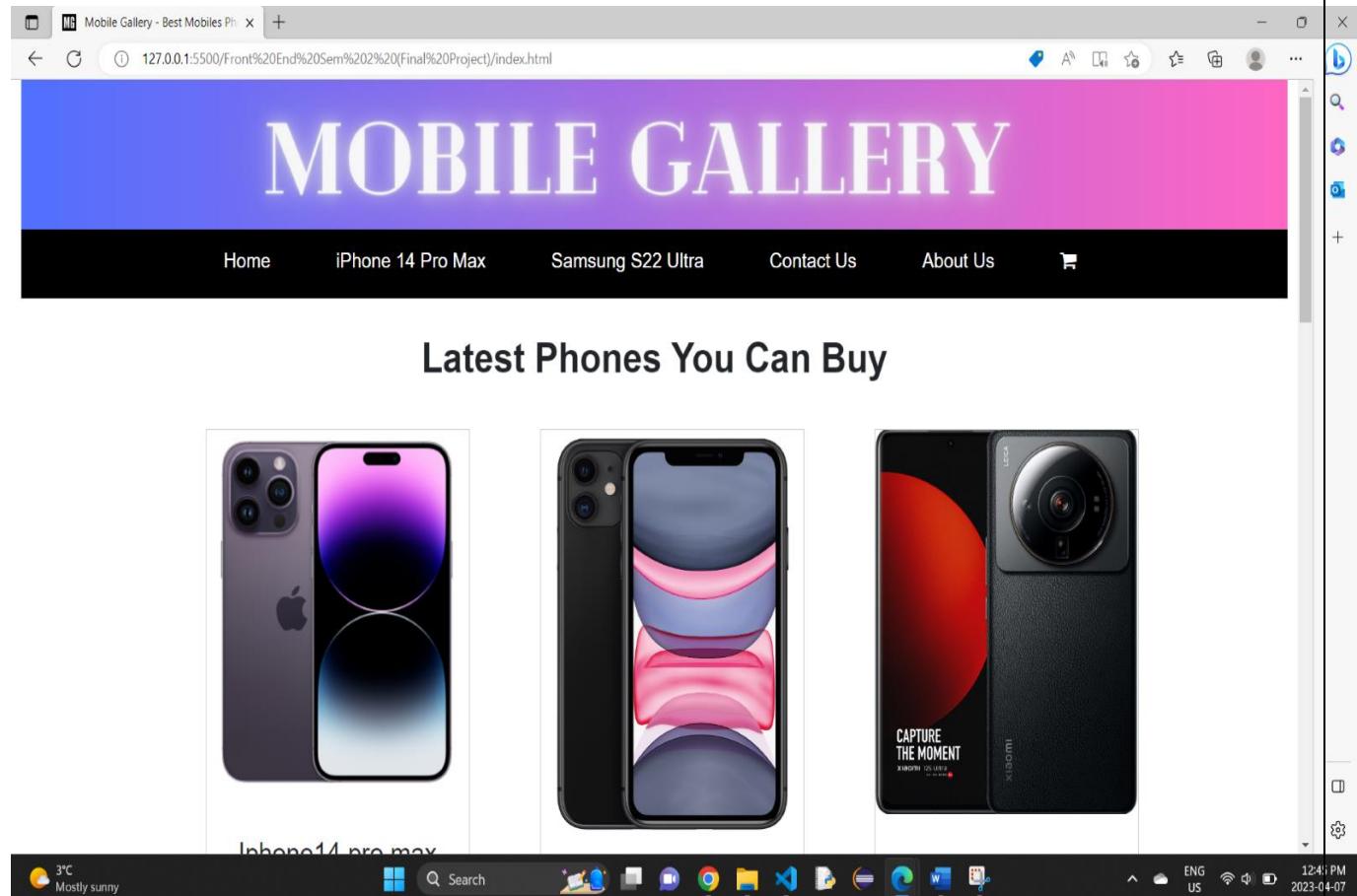
## IMPLEMENTATION OF NEW INTERFACE

### 1) HEADER

#### Old:



## New:



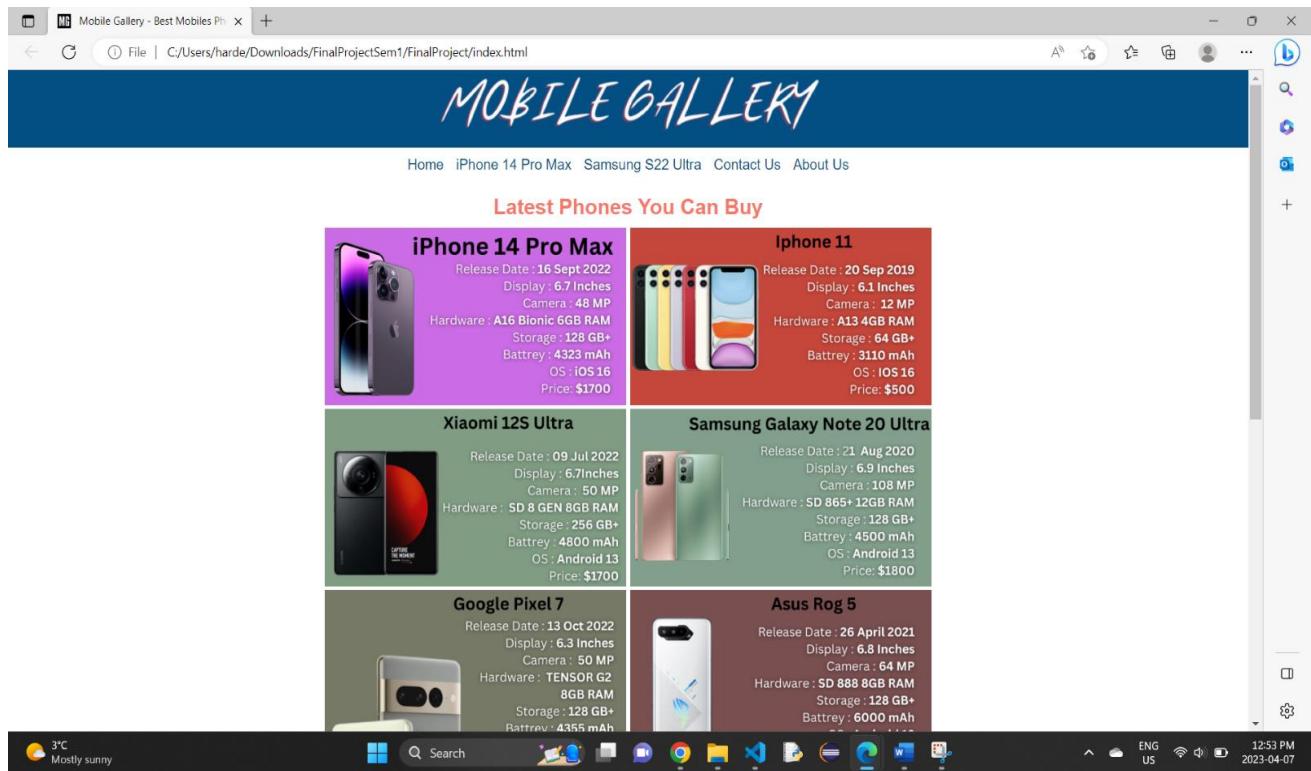
Here, you can see our website header new and old. We have made new header using canva website. We have added container class to make the header responsive and new picture also used the div tag.

```
body>
<div class="container">
  <header>
    <div><h1><a href='./index.html'><img src='img/logo2.png' /></a></h1></div>
    <nav>
```

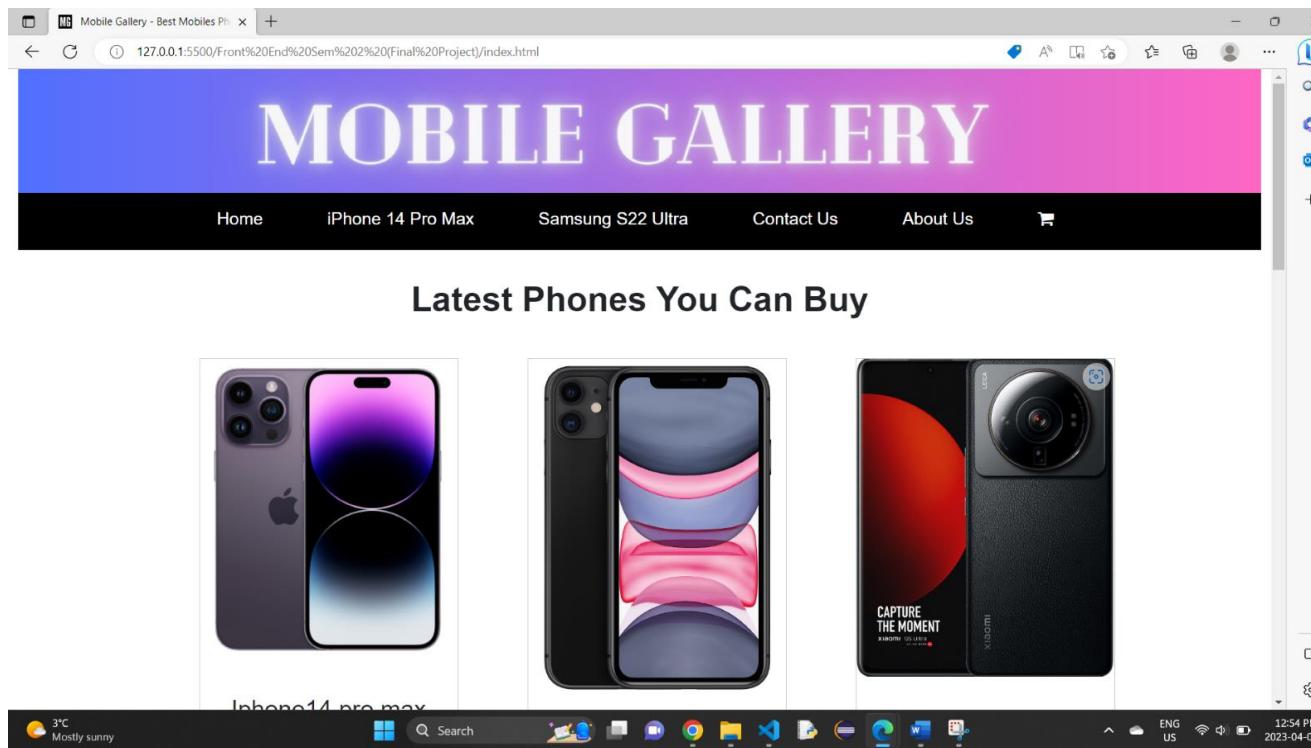
```
body, h1, h2, h3, h4, h5, h6{  
    padding: 0px;  
    margin: 0px;  
    font-family: Arial, Helvetica, sans-serif;  
    color: black  
    border solid black;  
}  
  
header div {  
    color: white;  
    text-align: center;  
}  
  
header div a img {  
    width: 100%;  
}
```

## 2) NAVIGATION BAR:

**Old:**



**New:**



In the navigation bar, we have added the shortcut to the webpage of the products that have high selling in the market, such as iPhone 14 pro max and Samsung S22 ULTRA



Here, We have used the bootstrap features to make the site responsive and add some new CSS properties change the appearance of the navigation bar. You can see the difference between old and new navigation bar.

```

<div class="container">
  <header>
    <div><h1><a href='./index.html'><img src='img/logo2.png' /></a></h1></div>
    <nav>
      <ul class="ul, li">
        <li> <a href='./index.html'>Home</a></li>
        <li> <a href='./iphone-14-pro-max.html'>iPhone 14 Pro Max</a></li>
        <li> <a href='./samsung_s22_ultra.html'>Samsung S22 Ultra</a></li>
        <li> <a href='./contact_us.html'>Contact Us</a></li>
        <li> <a href='./about_us.html'>About Us</a></li>
        <li id="shoppingCartLink"></li>

      </ul>
    </nav>
  </header>
</div>

```

Front End Sem 2 (Final Project) > includes > # main.css > body

```
165  ul {
166    list-style-type: none;
167    margin: 0;
168    padding: 0;
169
170    overflow: hidden;
171    background-color: #000000;
172    text-align: center;
173  }
174
175  li {
176    display: inline-block;
177  }
178
179  li a {
180    display: block;
181    overflow: hidden;
182    color: white;
183    text-align: center;
184    font-size: 20px;
185    padding: 15px;
186    margin-left: 20px;
187    margin-right: 20px;
188    text-decoration: none;
```

In our index page, to make navigation bar we have used tag, inside of which we have created an unordered list, in which the list elements are mentioned with the help if tag and these elements are links created using anchor tag, to the other pages of website.

You will also notice that on the list element of home page we have also mentioned a class called active and in the ul tag also there is class mentioned called “ul,li”. The functioning of these classes is decided in the CSS file main.css.

### 3)FOOTER

**Old:**

The screenshot shows a mobile gallery page with two smartphone models displayed side-by-side. The left phone is a Samsung model with a 50 MP camera, 8GB RAM, 128 GB storage, a 4355 mAh battery, and runs on Android 13, priced at \$649. The right phone is an iPhone 14 Pro Max with a 64 MP camera, 8GB RAM, 128 GB storage, a 6000 mAh battery, runs on iOS 16, and is priced at \$1600.

**Who we are!!**

Hi! Welcome to the Mobile Gallery, the No 1 mobile store in town. With our decade of experience and expertise we can help you with any new purchase weather it is a smartphone, smartwatch or tablet. Not just devices but we also keep a huge stock of accessories that you may need like phone case, adapters, storage devices and cables. We know we are the best because of the feedback we get from our customers which testifies that we stand true to our promises.

The brands we offer in smartphones are Apple, Samsung, Google, Asus, etc. All of these brands are trusted by the user as much as the merchant. We provide financing on any new purchase, even 0% financing is also available (ofcourse depending on your credit). With new purchase you can personalize your phone with the accessories available at store form brands such as Otterbox, Caseify, RhinoShield, etc.

Also, this festive season we are happy to announce exciting offers. We will be giving guaranteed Gift Card to our customers on every smartphone purchase above \$1000 and the Gift Cards are worth \$25 - \$150. These Gift Cards are not available for devices purchased under any financing scheme and this offer will be valid until the stocks last. If that was not enough then you can opt for \$50 which could be redeemed in terms of accessories in store but keep in mind that the purchase value should be over \$1000. Both of these offers are valid until 31 December, 2022. So, visit us today and get extra discounts\* / offers\* where ever applicable.

We opened our store in 2012 which marks this year i.e. 2022 as our 10th year anniversary. Throughout the years we were consistent towards one thing that is customer satisfaction weather it may be giving them best possible discounts, offers or advice on what they should go for. All this time we have never been faced an issue where the customer was not satisfied or not happy with a purchase they made through us. We have also stood with our society whenever they needed us like donating towards a cause, giving out food in the time of the pandemic, supporting our employees when they needed any kind of help whether monetory or anything else. With your trust and cooperation we have sustained for so long and we will try to do the same for the years to come.

We have also a particular section for the repairs of devices. Whatever it may be screen damage, charging not working or any other issue we will assist you with the best possible repairs on a budget. Particularly for apple devices if you've opted for the apple care then in case you need any support you can visit our store to get the repairs done by a specialist from Apple. There is also 7 day returns on items where ever applicable.

Our location is based in Mississauga being accessible to the whole GTA region. We are also planning to open a new store in Brampton so that we can serve you people better.

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**New:**

The screenshot shows a product page for the iPhone 14 Pro Max. The page highlights its features: 48MP camera, A16 Bionic processor, and dynamic island. It encourages users to own the device with the best plans/prices.

The iPhone 14 Pro Max has a design update from the front as there is now a dynamic island which changes the way you interact with your iPhone. Residing along the dynamic island is the new Pro-motion XDR display with a peak brightness of 2000 nits more than ever. The new camera has 48MP that you can access by the RAW mode in the camera app. New safety features such as Emergency SOS and Satellite communication which could be accessed under particular situations. The new A16 Bionic is the first 4nm chip used on a smartphone unlocking exceptional efficiency and power. The new A16 Bionic is the first 4nm chip used on a smartphone unlocking exceptional efficiency and power. With all that there is also a Deep Purple color which is exclusive to the iPhone 14 Pro series.

**Get connected with us on social networks:**

**MOBILE GALLERY**      **PRODUCTS**      **USEFUL LINKS**      **CONTACT**

Best mobile store in town, with exciting offers on all brands.

iPhone 14 Pro Max      About us  
Samsung S22 Ultra      Become an Affiliate  
Google pixel-7      Shipping Rates  
Xiaomi 12 S Ultra      Help

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3°C Mostly sunny      Search      ENG US      1:06 PM      2023-04-07

We have added bootstrap footer code. In the Old website we do not have footer as they used only footer tag for footer. However, In the new changes we added footer code with multiple options such as user can access the our social media, Products links from footer and Useful links like about us help. Apart from that user can easily contact us by call or email.

```
<!-- Section: Social media -->
<section>
  <!-- Left -->
  <div class="me-5">
    <span>Get connected with us on social networks:</span>
  </div>
  <!-- Left -->

  <!-- Right -->
  <div>
    <i class="fa fa-facebook-official me-4" aria-hidden="true"></i>
    <i class="fa fa-twitter me-4"></i>
    <i class="fa fa-google me-4"></i>
    <i class="fa fa-instagram me-4"></i>
    <i class="fa fa-linkedin me-4"></i>
    <i class="fa fa-github me-4"></i>
  </div>
  <!-- Right -->
</section>
<!-- Section: Social media -->
```

Social media icons with bootstrap classes.

## 4) MAIN

**Old:**

Latest Phones You Can Buy	
<b>iPhone 14 Pro Max</b>	<b>Iphone 11</b>
Release Date : 16 Sept 2022 Display : 6.7 Inches Camera : 48 MP Hardware : A16 Bionic 6GB RAM Storage : 128 GB+ Battery : 4323 mAh OS : iOS 16 Price: \$1700	Release Date : 20 Sep 2019 Display : 6.1 Inch Camera : 12 MP Hardware : A13 4GB RAM Storage : 64 GB+ Battery : 3110 mAh OS : iOS 16 Price: \$500
<b>Xiaomi 12S Ultra</b>	<b>Samsung Galaxy Note 20 Ultra</b>
Release Date : 09 Jul 2022 Display : 6.7Inches Camera : 50 MP Hardware : SD 8 GEN 8GB RAM Storage : 256 GB+ Battery : 4800 mAh OS : Android 13 Price: \$1700	Release Date : 21 Aug 2020 Display : 6.9 Inches Camera : 108 MP Hardware : SD 865+ 12GB RAM Storage : 128 GB+ Battery : 4500 mAh OS : Android 13 Price: \$1800
<b>Google Pixel 7</b>	<b>Asus Rog 5</b>
Release Date : 13 Oct 2022 Display : 6.3 Inches Camera : 50 MP Hardware : TENSOR G2 8GB RAM Storage : 128 GB+ Battery : 4355 mAh OS : Android 13 Price: \$649	Release Date : 26 April 2021 Display : 6.8 Inches Camera : 64 MP Hardware : SD 888 8GB RAM Storage : 128 GB+ Battery : 6000 mAh OS : Android 13 Price: \$1600

**Who we are!!**

Hi! Welcome to the Mobile Gallery, the No 1 mobile store in town. With our decade of experience and expertise we can help you with any new.

**New:**

**MOBILE GALLERY**

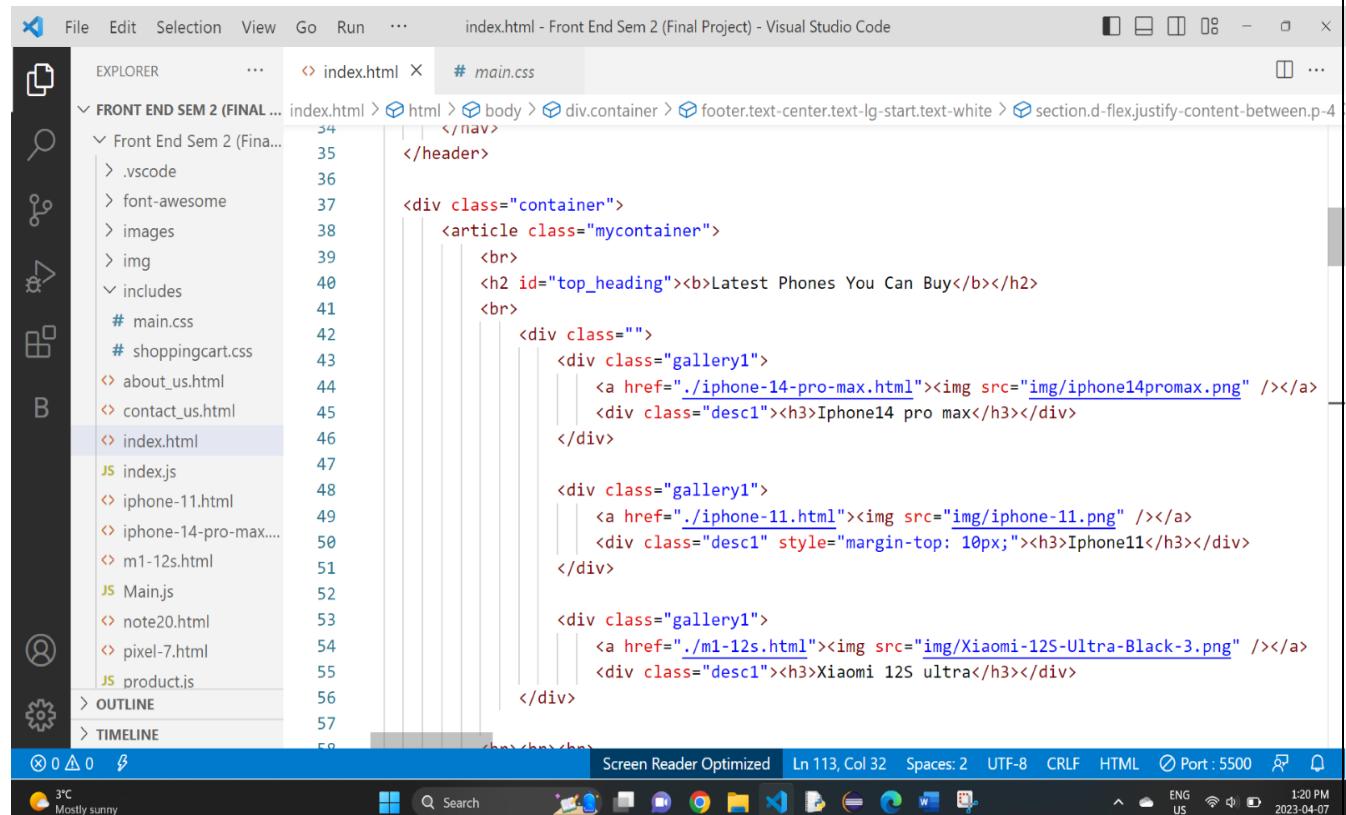
Home    iPhone 14 Pro Max    Samsung S22 Ultra    Contact Us    About Us   

**Latest Phones You Can Buy**

127.0.0.1:5500/Front%20End%20Sem%202020(Final%20Project)/index.html

3°C  
Mostly sunny

We added the six categories of mobile phones, when we click on the picture it redirect to the next page, where user can see the detail description of the product and add to cart. This is for all the categories. In the old website pictures are not added with description. So here we replaced those photos with new one. User can see the description on webpage.



```

File Edit Selection View Go Run ...
index.html - Front End Sem 2 (Final Project) - Visual Studio Code
EXPLORER ... index.html # main.css
FRONT END SEM 2 (FINAL...) index.html > html > body > div.container > footer.text-center.text-lg-start.text-white > section.d-flex.justify-content-between.p-4
Front End Sem 2 (Final...)
  .vscode
  font-awesome
  images
  img
  includes
    # main.css
    # shoppingcart.css
  about_us.html
  contact_us.html
  index.html
  index.js
  iphone-11.html
  iphone-14-pro-max....
  m1-12s.html
  Main.js
  note20.html
  pixel-7.html
  product.js
  OUTLINE
  TIMELINE
  Screen Reader Optimized Ln 113, Col 32 Spaces: 2 UTF-8 CRLF HTML Port : 5500
  3°C Mostly sunny
  Search
  1:20 PM 2023-04-07

```

```

<nav>
</header>

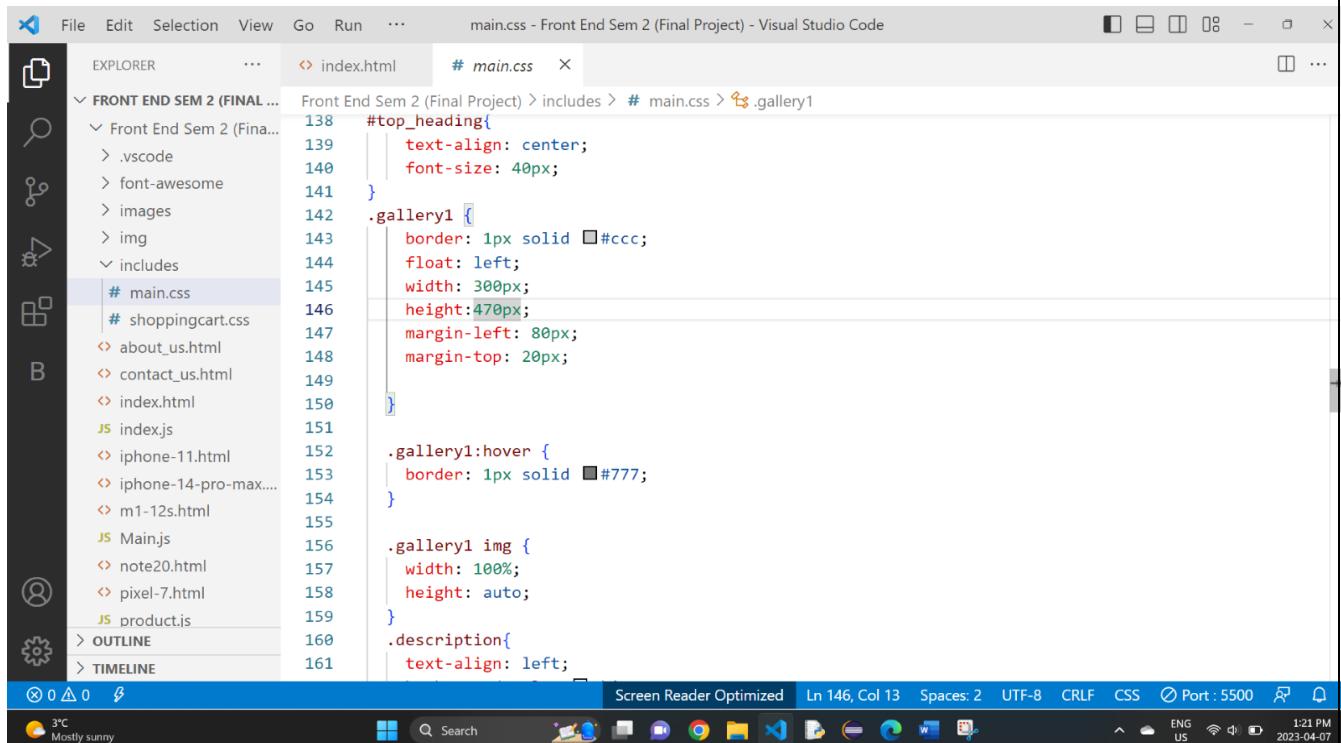
<div class="container">
  <article class="mycontainer">
    <br>
    <h2 id="top_heading"><b>Latest Phones You Can Buy</b></h2>
    <br>
    <div class="">
      <div class="gallery1">
        <a href=".//iphone-14-pro-max.html"></a>
        <div class="desc1"><h3>iPhone14 pro max</h3></div>
      </div>

      <div class="gallery1">
        <a href=".//iphone-11.html"></a>
        <div class="desc1" style="margin-top: 10px;"><h3>Iphone11</h3></div>
      </div>

      <div class="gallery1">
        <a href=".//m1-12s.html"></a>
        <div class="desc1"><h3>Xiaomi 12S ultra</h3></div>
      </div>
    </div>
  </article>
</div>

```

For the Index page the section we are explaining the appearance of each category, like here I have attached code of mobile categories. We have first placed every section inside a div tag, so it is treated as a block. Then we have mentioned the category name using h1 tag and its CSS id defined inside title class.



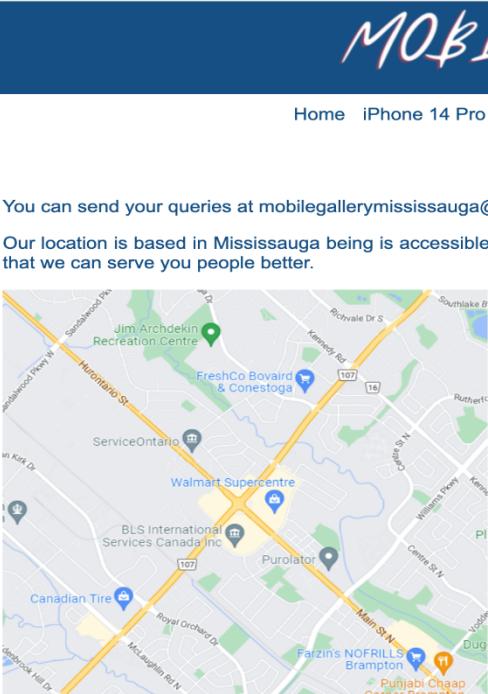
```
Front End Sem 2 (Final Project) > includes > # main.css > .gallery1
138 #top_heading{
139 |   text-align: center;
140 |   font-size: 40px;
141 }
142 .gallery1 {
143 |   border: 1px solid #ccc;
144 |   float: left;
145 |   width: 300px;
146 |   height: 470px;
147 |   margin-left: 80px;
148 |   margin-top: 20px;
149 }
150
151 .gallery1:hover {
152 |   border: 1px solid #777;
153 }
154
155 .gallery1 img {
156 |   width: 100%;
157 |   height: auto;
158 }
159 .description{
160 |   text-align: left;
161 }
```

Here you can see that we have defined the width and height of image that we want, also that a border should appear on hovering the mouse over it and the margin we want from left of each image.

## 5) CONTACT US

## Old:

[127.0.0.1:5500/contact\\_us.html](http://127.0.0.1:5500/contact_us.html)



**MOBILE GALLERY**

Home iPhone 14 Pro Max Samsung S22 Ultra Contact Us About Us

**Contact Us**

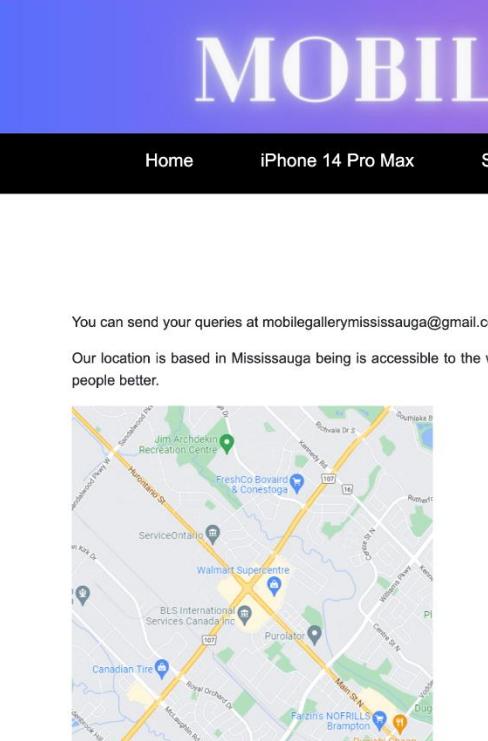
You can send your queries at [mobilegallerymississauga@gmail.com](mailto:mobilegallerymississauga@gmail.com) or Call us at +1-987-987-9871

Our location is based in Mississauga being accessible to the whole GTA region. We are also planning to open a new store in Brampton so that we can serve you people better.

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## New:

[127.0.0.1:5501/contact\\_us.html](http://127.0.0.1:5501/contact_us.html)



**MOBILE GALLERY**

Home iPhone 14 Pro Max Samsung S22 Ultra Contact Us About Us (3)

**Contact Us**

You can send your queries at [mobilegallerymississauga@gmail.com](mailto:mobilegallerymississauga@gmail.com) or Call us at +1-987-987-9871

Our location is based in Mississauga being accessible to the whole GTA region. We are also planning to open a new store in Brampton so that we can serve you people better.

As we have made changes in the navigation bar, header, and footer,  
As explained above.

On the contact us page:

- We have added contact details of our store, so that customers can reach to us.
- Our mail id and phone number are also added on this page for electronic communication.
- For the effortless way, we have provided the map and major intersections to reach to our store.



```

<!-->
> img
> includes
> about_us.html
> contact_us.html
B > index.html
> index.js
> iphone-11.html
> iphone-14-pro-max.... 42
> m1-12s.html 43
> Main.js 44
> note20.html 45
> pixel-7.html 46
> product.is 47
-->
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47

```

```

</header>
<br>
<div class="mycontainer">
  <article>
    <h2 id="top_heading">Contact Us</h2>
    <br><br>
    <p>You can send your queries at mobilegallerymississauga@gmail.com or Call us at +1-987-987-9871</p>
    <p>Our location is based in Mississauga being is accessible to the whole GTA region. We are also planning to open a new store in Brampton</p>
    
  </article>
</div>
<br><br><br>

```

Here is the screenshot of the class container that has been created for contact us info and map image.

Used the h2 Tag for the heading of CONTACT US.

Src is the path of the file we want to display on the webpage.

Img tag is used to insert the image in the webpage and provided the style along with it. Such as max width: 400.

## 6) PRODUCT INFORMATION

Old:

The screenshot shows a web browser window with the URL 127.0.0.1:5500/iphone-14-pro-max.html. The page has a dark blue header with the text "MOBILE GALLERY". Below the header, there is a navigation bar with links: Home, iPhone 14 Pro Max, Samsung S22 Ultra, Contact Us, and About Us. The main content area features a pink background. At the top, it says "iPhone 14 Pro Max". Below that is a large image of two iPhone 14 Pro Max phones, one standing and one lying down, showing their backs with the triple-camera system. To the right of the image, the text "iPhone 14 Pro Max" is displayed in a large, bold, black font. Below this, several specifications are listed: Release Date : 16 Sept 2022, Display : 6.7 Inches, Camera : 48 MP, Hardware : A16 Bionic 6GB RAM, Storage : 128 GB+, Battrey : 4323 mAh, OS : iOS 16, and Price: \$1700. Below these details is a table comparing the device's specifications against itself across various categories. At the bottom of the page is a green button with the text "Buy Now!".

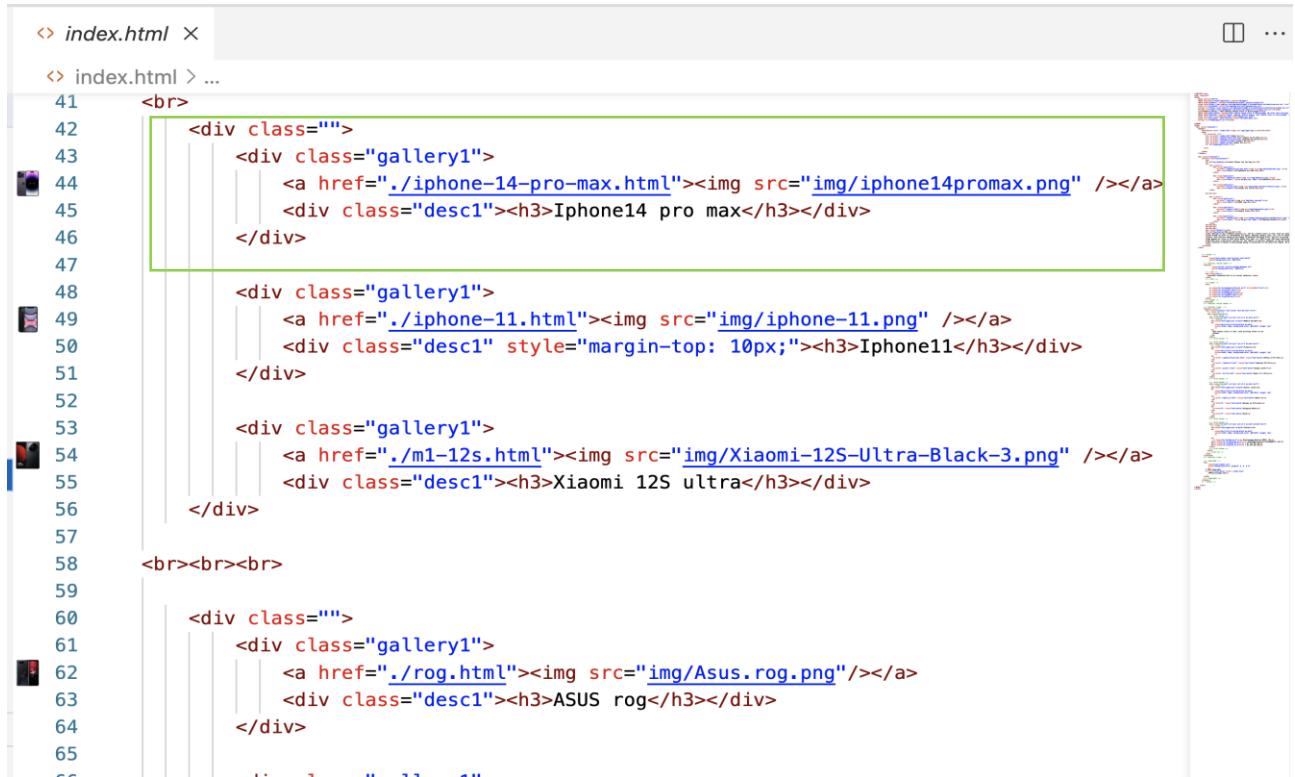
Device Name	iPhone 14 Pro Max
Release Date	16 Sept 2022
Display	6.7 Inches
Camera	48 MP
Hardware	A16 Bionic 6GB RAM
Storage	128 GB+
Battrey	4323 mAh
OS	iOS 16
Price	\$1700

**New:**

Iphone 14 Pro Max



We have created the webpages to display individual products and their information, we have provided the link to the webpage of individual products on the index page.



```
<div class="gallery1">
    <a href="../iphone-14-pro-max.html"></a>
    <div class="desc1"><h3>Iphone14 pro max</h3></div>
</div>

<div class="gallery1">
    <a href="../iphone-11.html"></a>
    <div class="desc1" style="margin-top: 10px;"><h3>Iphone11</h3></div>
</div>

<div class="gallery1">
    <a href="../m1-12s.html"></a>
    <div class="desc1"><h3>Xiaomi 12S ultra</h3></div>
</div>

<br><br><br>

<div class="gallery1">
    <a href="../rog.html"></a>
    <div class="desc1"><h3>ASUS rog</h3></div>
</div>
```

The above highlighted part with green colour shows the html page where we have given path to the iPhone 14 pro max phones, every product has its own div class and its path to its individual webpage.

Here is the screenshot of the product where information about the mobile will be shown:

## SLIDER:

- Added a slider in the new interface, three images will be shown in the slider.



Iphone 14 Pro Max



Iphone 14 Pro Max





```
<!--Adding slidding-->
<div id="slider" class="carousel slide" data-ride="carousel">
    <div class="carousel-indicators">
```

Carousel controls needs an id to function properly, and data-ride="carousel," will animate the carousel when the page loads.

Indicators: indicators are the dots that show up at the bottom of each slide,

Data-slide is used to tell the indicator after clicking on the dot, which slide should show up on the screen.



Data target: it points to the id of the carousel.

```
<!-- Indicators -->
<ul class="carousel-indicators">
  <li data-target="#demo" data-slide-to="0" class="active"></li>
  <li data-target="#demo" data-slide-to="1"></li>
  <li data-target="#demo" data-slide-to="2"></li>
</ul>
```

Slideshow:

The content of each slide is added in the div container (image or text) and here added the image with the style of them.

```
<!-- The slideshow -->
<div class="carousel-inner">
  <div class="carousel-item active">
    
  </div>
  <div class="carousel-item">
    
  </div>
  <div class="carousel-item">
    
  </div>
</div>
```

Left and right controls:

With the help of these controls, user can go back and forth between the slides, data-slide accept the Prev and next attribute, which lets us to change the slide

```
<!-- Left and right controls -->
<a class="carousel-control-prev" href="#slider" data-slide="prev">
| <span class="carousel-control-prev-icon"></span>
</a>
<a class="carousel-control-next" href="#slider" data-slide="next">
| <span class="carousel-control-next-icon"></span>
</a>
</div>
<!--End sliding-->
```



Iphone 14 Pro Max



### Description of the product: -

In this section Highlight detail is mentioned about the phone when it was released and its features and hardware, storage capacity along with its price.

**Add the cart:** this button is added at the bottom of the description, if someone wants to buy the product, they can add the product in the cart by clicking this button

After the button, there is a section where every single detail is provided about the product.

Device Name	iPhone 14 Pro Max
Release Date	16 Sept 2022
Display	6.7 Inches
Camera	48 MP
Hardware	A16 Bionic 6GB RAM
Storage	128 GB+
Battery	4323 mAh
OS	iOS 16
Price	\$1700

**ADD TO CART**

### Device Description

The latest and greatest from Apple. Boasting features such as 48MP camera, A16 Bionic processor and dynamic island. Own this device with the best plans / prices with us.

The iPhone 14 Pro Max has a design update from the front as there is now a new dynamic island which changes the way you used to interact with your iPhone. Residing along the dynamic island is the new Pro-motion XDR display with a peak brightness of 2000 nits more than ever.

The new camera has 48MP that you can access by the RAW mode in the camera app.

New Safety features such as Emergency SOS and Satellite communication which could be accessed under particular situations.

The new A16 Bionic is the first 4nm chip used on a smartphone unlocking exceptional efficiency and power.

The new A16 Bionic is the first 4nm chip used on a smartphone unlocking exceptional efficiency and power. With all that there is also a Deep Purple color which is exclusive to the iPhone 14 Pro series.

## CSS OF THE SLIDER:

```

199
200 /* Slidding*/
201
202 .carousel-inner img {
203 |   width:100%
204 |
205 .carousel-control-prev,
206 .carousel-control-next{
207 |   color: black;
208 }
209 #slider{
210 |   width: 500px;
211 |   height: 620px;
212 |   margin-left:350px;
213 |   margin-right:350px;
214 }
215 .carousel-control-prev-icon{
216 |   background-color:black;
217 |   padding:1em 1em 1em 1em;
218 }
219 .carousel-control-next-icon{
220 |   background-color:black;
221 |   padding:1em 1em 1em 1em;
222 }
223 /*End slidding*/
224

```

Here applied all the styles that are applied to the slider

## 7)DEVICE DESCRIPTION

**Old:**

The latest and greatest from Apple. Boasting features such as 48MP camera, A16 Bionic processor and dynamic island. Own this device with the best plans / prices with us.

The Iphone 14 Pro Max has a design update from the front as there is new dynamic island which changes the way you used to interact with your Iphone. Residing along the dynamic island is the new Pro-motion XDR display with a peak brightness of 2000 nits more than ever. The new camera has 48MP that you can access by the RAW mode in the camera app. Not just these there are also new saftey features such as Emergency SOS and Satellite communication which could be accessed under particular situation. The new display also has one of the most awaited features on Iphone; Always on display. This allows you to have all the information at a glance without picking up your Iphone, even the wallpaper could be seen when Iphone is locked. The new A16 Bionic is the first 4nm chip used on a smartphone unlocking expetional efficiency and power. With all that there is also a new deep purple color which is exclusive to the Iphone 14 Pro series.

---

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**New:**

Device Name	iPhone 11
Release Date	20 Sep 2019
Display	6.1 Inches
Camera	12 MP
Hardware	A13 4GB RAM
Storage	64 GB+
Battery	3110 mAh
OS	iOS 16
Price	\$500

127.0.0.1:5501/m1-12s.html

## Xiaomi 12S Ultra



Device Name	Xiaomi 12S Ultra
Release Date	09 Jul 2022
Display	6.7 Inches
Camera	50 MP
Hardware	SD 8 GEN 8GB RAM
Storage	256 GB+
Battery	4800 mAh
OS	Android 13
Price	\$1700

1 

### Device Description

The Xiaomi 12S Ultra. The ultimate flagship and camera phone.

The device features an **6.7 inch LTPS 1440p** display with 120Hz. The display also supports 10 bit colors. There is the **Snapdragon 8+ gen** processor which is made using more power saving process than the Snapdragon 8 Gen ensuring higher clock speeds on the GPU and CPU cores. The main camera has a 1 inch sensor with 50MP and also has two more **48 MP** cameras. There is 5x telephoto lens. You can record 4k videos and that too in best quality.

## 8)ABOUT US

This section includes the information about our store, how long we are in the market and and how much experience we have in this industry.

This also includes the products we sell to our customers and the accessories.

### Difference between the **NEW VS OLD INTERFACE**

On this page, there is the only difference between the old interface and the new interface is that the navigation bar is changed, and header and footer are replaced with better graphics, which makes the website more presentable.

#### **OLD:**

A screenshot of a website with a dark blue header. The header contains the text "MOBILE GALLERY" in a stylized, colorful font. Below the header is a navigation bar with links: Home, iPhone 14 Pro Max, Samsung S22 Ultra, Contact Us, and About Us. The main content area is white and contains a red "About Us" heading followed by several paragraphs of text.

#### **About Us**

Hi! Welcome to the Mobile Gallery, the No 1 mobile store in town. With our decade of experience and expertise we can help you with any new purchase weather it is a smartphone, smartwatch or tablet. Not just devices but we also keep a huge stock of accessories that you may need like phone case, adapters, storage devices and cables. We know we are the best because of the feedback we get from our customers which testifies that we stand true to our promises.

The brands we offer in smartphones are Apple, Samsung, Google, Asus, etc. All of these brands are trusted by the user as much as the merchant. We provide financing on any new purchase, even 0% financing is also available (ofcourse depending on your credit). With new purchase you can personalize your phone with the accessories available at store form brands such as Otterbox, Caseify, RhinoShield, etc.

Our location is based in Mississauga being is accessible to the whole GTA region. We are also planning to open a new store in Brampton so that we can serve you people better.

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## NEW:

The screenshot shows a web browser window with the URL [127.0.0.1:5501/about\\_us.html](http://127.0.0.1:5501/about_us.html). The page has a header with a blue-to-pink gradient background containing the text 'MOBILE GALLERY'. Below the header is a black navigation bar with links: Home, iPhone 14 Pro Max, Samsung S22 Ultra, Contact Us, About Us, and a shopping cart icon with '(3)'. The main content area has a white background. At the top of the content, there is a short paragraph about the store's welcome, brands, financing options, and location. Below this is a section titled 'About Us' with a sub-section for 'Social Networks' featuring icons for Facebook, Twitter, Google+, LinkedIn, and YouTube. The footer is dark with white text, containing sections for 'MOBILE GALLERY' (with a note about offers), 'PRODUCTS' (listing iPhone 14 Pro Max, Samsung S22 Ultra, Google pixel 7, and Xiaomi 12 S Ultra), 'USEFUL LINKS' (About us, Become an Affiliate, Shipping Rates, Help), and 'CONTACT' (Mississauga, Ontario 10012, US; email: mobilegallerymississauga@gmail.com; phone: +01 234 567 89). The footer also includes a copyright notice: © 2020 Copyright: MGmississauga.com.

## ADDING SHOPPING CART



### Shopping Cart



- 1 + Delete

**Asus Rog 5**

Price: \$1600



- 1 + Delete

**Google Pixel 7**

Price: \$649

Total Price	\$ 2249
Tax (13%)	\$ 292.37
<b>Payable Amount</b>	<b>\$ 2541.37</b>

**Pay Now**

Get connected with us on social networks:



#### MOBILE GALLERY

Best mobile store in town, with exciting offers on all brands.

#### PRODUCTS

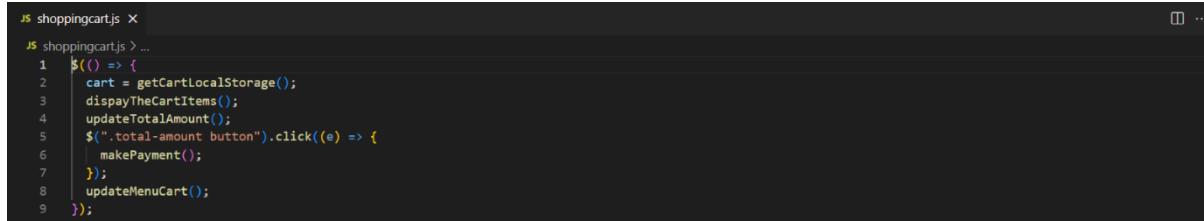
[iPhone 14 Pro Max](#)  
[Samsung S22 Ultra](#)  
[Google pixel-7](#)  
[Xiaomi 12 S Ultra](#)

#### USEFUL LINKS

[About us](#)  
[Become an Affiliate](#)  
[Shipping Rates](#)  
[Help](#)

#### CONTACT

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 + 01 234 567 89



```
JS shoppingcart.js ×
JS shoppingcart.js > ...
1 $(() => {
2   cart = getCartLocalStorage();
3   displayTheCartItems();
4   updateTotalAmount();
5   $(".total-amount button").click((e) => {
6     makePayment();
7   });
8   updateMenuCart();
9 });

...
```

In this block of JavaScript code an anonymous function is defined using the arrow function syntax. This function will be initializing a shopping cart which will update/display various elements related to the cart.

Here:

- **cart = getCartLocalStorage();**

initializes a variable cart and calls the getCartLocalStorage() function for retrieving data from the local storage.

- **displayTheCartItems();**
- **updateTotalAmount();**
- **updateMenuCart();**

All these are function calls which will display items in the cart, calculate and update the total amount of the items in the cart, and display a small icon in the nav bar to display the number of items in the cart respectively.

- **\$(".total-amount button").click((e) => { makePayment(); });**

This will add a click event listener to the button with a class. When the button will be clicked, makePayment() will be called to initialize the payment process.

```

11 |     function updateMenuCart() {
12 |         var local = getCartLocalStorage();
13 |         totalItems = 0;
14 |         for(var i=0;i<local.length;i++) {
15 |             eachItem = JSON.parse(local[i]);
16 |             totalItems += parseInt(eachItem.qty);
17 |         }
18 |         if(totalItems > 0) {
19 |             $("#shoppingCartLink").html('<a href="./shoppingcart.html"><i class="fa fa-shopping-cart" aria-hidden="true"> (' + totalItems +')</i></a>');
20 |         } else {
21 |             $("#shoppingCartLink").html('<a href="./shoppingcart.html"><i class="fa fa-shopping-cart" aria-hidden="true"></i></a>');
22 |         }
23 |     }

```

This is a function which will update the shopping cart icon in the webpage's nav bar.

Here:

- **var local = getCartLocalStorage();**

A variable local is created and it will retrieve and store data in the local storage.

- **totalItems = 0;**

The variable totalItems initialized to zero.

- **for(var i=0;i<local.length;i++) {  
eachItem = JSON.parse(local[i]);  
totalItems += parseInt(eachItem.qty); }**

This is a for loop which will iterate over the array 'local'. For each it will parse JSON data and add the quantity to the totalItems variable.

- **if(totalItems > 0) {  
\$("#shoppingCartLink").html('<a  
href="./shoppingcart.html"><i class="fa fa-shopping-cart"  
aria-hidden="true"> (' + totalItems +')</i></a>');  
} else {**

```
$("#shoppingCartLink").html('<a href="../shoppingcart.html"><i class="fa fa-shopping-cart" aria-hidden="true"></i></a>');
```

A if/else statement that will check if there are any items in the cart. If items are found, it will update the shopping cart icon on the navigation bar.

```
25 function itemAlreadyInCart(item) {
26   var found = -1;
27   local = getCartLocalStorage();
28   for(var i=0; i<local.length;i++) {
29     cartItem = JSON.parse(local[i]);
30     if (cartItem.name == item.name) {
31       found = i;
32       break;
33     }
34   }
35   return found;
36 }
```

**function itemAlreadyInCart(item)** function will check if there is any item in the cart or not.

- **var found = -1;**

This will initialize a variable found which is being set to -1, will be used to indicate whether the item was found in the cart.

- **local = getCartLocalStorage();**

A variable local is created and it will retrieve and store data in the local storage.

- **for(var i=0; i<local.length;i++) { cartItem = JSON.parse(local[i]);**
- if (cartItem.name == item.name) { found = i; break; }}**

This for loop iterates over the local array. For each item it will parse JSON data and checks if the name property is matching or not to the item under check.

- **return found;** }

This will return the value of found variable. If item was found, this will be the index of the local array. If item is not found value = -1.

```

38 function updateItemQuantity(item, index) {
39   local = getCartLocalStorage();
40   itemDataInCart = JSON.parse(local[index]);
41   newQty = parseInt(itemDataInCart.qty) + parseInt(item.qty);
42   itemDataInCart["qty"] = newQty;
43   local[index] = JSON.stringify(itemDataInCart);
44   setLocalStorage(local);
45 }

```

- **updateItemQuantity(item, index)**

This function updates the quantity of an item present in the cart.

- **itemDataInCart = JSON.parse(local[index]);**

itemDataInCart variable is initialized by parsing JSON data for item on the specified index in the local array.

- **newQty = parseInt(itemDataInCart.qty) + parseInt(item.qty);**

This will calculate the quantity of the newly added item in the cart to the items already present in there and will tell the total of each product. The parseInt(); will convert the string to integer before adding them.

- **itemDataInCart["qty"] = newQty;**

This will update the qty property of itemDataInCart object.

- **local[index] = JSON.stringify(itemDataInCart);**

This will update the JSON data for the item at the index in the local array to update the quantity.

- **setLocalStorage(local); }**

This will store the updated cart data in the local storage.

```

46
47   const delay = ms => new Promise(res => setTimeout(res, ms));
48

```

- **const delay = ms => new Promise(res => setTimeout(res, ms));**

This function will allow us to create a delay in your code using Promise.

```

47   const delay = ms => new Promise(res => setTimeout(res, ms));
48
49 async function addToCart(item) {
50
51   const button = document.querySelector(".addtocart");
52   let added = false;
53   const done = document.querySelector(".done");
54   if(!added){
55     done.style.transform = "translate(0px)";
56     added = true;
57   }
58   await delay(1500);
59
60   let local = getCartlocalStorage();
61   itemIndexInCart = itemAlreadyInCart(item)
62   if(itemIndexInCart != -1) {
63     updateItemQuantity(item, itemIndexInCart);
64     location.href = `shoppingcart.html`;
65   } else {
66     local.push(JSON.stringify(item));
67     setlocalStorage(local);
68     location.href = `shoppingcart.html`;
69   }
70 }

```

- **async function addToCart(item)**

This function adds item to the shopping cart.

- **const button = document.querySelector(".addtocart");**

An element with class of “add to cart” is selected and assigned to the button constant.

- **let added = false;**

Variable added initialized to false. This keeps a track of the ‘done’ animation, whether it was played or not.

- **const done = document.querySelector(".done");**

This will select element with class ‘done’ on the page and assigns ‘done’ constant.

- **if(!added){**  
**done.style.transform = "translate(0px)";**  
**added = true; }**

If the added variable is false then this block will execute. This will first trigger a CSS animation to play and change the added variable to true, to prevent the done animation from being played again.

- **await delay(1500);**

This uses delay function to pause the execution of code for 1.5 seconds.

- **let local = getCartLocalStorage();**

Retrieves the data of shopping cart and assigns it to local variable.

- **itemIndexInCart = itemAlreadyInCart(item)**

This checks if item being added is already in the cart. If yes, then index of the item is returned from the local array. If not found, then it will return -1 to indicate item not present in the cart.

- **if(itemIndexInCart != -1) {**

Checks if the variable is not -1. Indicating the presence of item in shopping cart already.

- **updateItemQuantity(item, itemIndexInCart);**

This updates the quantity of the item in the shopping cart.

- **location.href = `shoppingcart.html`;**

Redirects the user to shopping cart page.

- **} else {**

Executes only if variable itemIndexInCart is -1. Signifying item was not already present in the cart.

- **local.push(JSON.stringify(item));**

When triggered it will add items to the local array in stringified JSON format.

- **setLocalStorage(local);**

Will store the updated shopping cart data in local storage.

- **location.href = `shoppingcart.html`; }}**

Redirects the user to shopping cart page.

```

72
73   function getCartLocalStorage() {
74     return JSON.parse(window.localStorage.getItem("cart") ?? "[]");
75   }
76
77   function setLocalStorage(crt = []) {
78     window.localStorage.setItem("cart", JSON.stringify(crt));
79   }

```

- **function getCartLocalStorage() {**

```

      return JSON.parse(window.localStorage.getItem("cart") ?? "["
    ]); }
```

- **function setLocalStorage(crt = []) {**

```
window.localStorage.setItem("cart", JSON.stringify(crt)); }
```

These are helper functions used to get and set cart data to the browser's local storage.

**getCartLocalStorage** retrieves the data from local storage and parse it as JSON data. If no data present in the local storage, then empty array is returned.

**setLocalStorage** function takes cart array as argument, serializes it in JSON and is saved in local storage with key 'cart'.

```

82  function displayTheCartItems() {
83    $(".cart-items").html("");
84    if (cart.length === 0) {
85      $(".cart-items").html("<h2>No Item In Cart</h2>");
86    } else {
87      // Loop through the cart and display items
88      cart.forEach((e) => {
89        eachProduct = JSON.parse(e);
90        $(".cart-items").append(``+
91        <div class="cart-items-container">
92          <div class="cart-item-img">
93            
94          </div>
95          <div class="cart-action" >
96            <div>
97              <button id="reduce" onclick="decreaseQty('${eachProduct.name}')">
98                -
99                <!--<i class="fas fa-minus"></i>-->
100              </button>
101              <span id="prodQty">${eachProduct.qty}</span>
102              <button id="add" onclick="increaseQty('${eachProduct.name}')">
103                +
104                <!--<i class="fas fa-plus"></i>-->
105              </button>
106              <button id="remove" onclick="removeItem('${eachProduct.name}')>Delete</button>
107            </div>
108          </div>
109          <div class="last_item">
110            <b style='color:#000;'>${eachProduct.name}</b>
111            <p>Price: <span>${eachProduct.grossPrice}</span></p>
112          </div>
113        </div>
114      `);
115    }
  
```

- **function displayTheCartItems()**

Responsible for displaying items in the shopping cart on the shopping cart page.

It clears the existing elements in the ‘**.cart-items**’ element.

If cart is empty message “**No item in Cart**” will be displayed otherwise, it iterates the array **local** and parses as JSON and generates HTML code to display item particulars.

- **<div class="cart-item-img">**

This is responsible to display the products image.

- **<div class="cart-action" >**

This has the buttons to +, - and remove the items from the cart.

- **<div class="last\_item">**

Displays the item’s name and price.

```

120  function makePayment() {
121    let finalCart = getCartLocalStorage();
122    if (finalCart.length > 0) {
123      emptyCart();
124      alert("Thanks for the payment. You can shop more.");
125      displayTheCartItems();
126    }
127 }
```

- **function makePayment()**

Responsible for the payment process

- **let finalCart = getCartLocalStorage();**

Gets the current cart items from local storage using the function above and stores in finalCart variable.

- **if (finalCart.length > 0) {**
- emptyCart();**

If the finalCart array is not 0 i.e. empty then the empty cart function is used to clear the cart items from the local storage.

- **alert ("Thanks for the payment. You can shop more.");**

Message is displayed and allows user to pay.

- **displayTheCartItems(); }}**

Updates the Cart items display on the shopping cart page.

```

130  function removeItem(name) {
131    for (let i = 0; i < cart.length; i++) {
132      cartParsedItem = JSON.parse(cart[i]);
133      if (cartParsedItem.name == name) {
134        local = getCartLocalStorage();
135        local.splice(i, 1);
136        setLocalStorage(local);
137        break;
138      }
139    }
140    updateTotalAmount();
141    displayTheCartItems();
142    updateMenuCart();
143 }
```

### **- function removeItem(name)**

This function removes item from the cart. Takes name of the item as parameter, loops through the cart item and removes item which may have matching name in the local storage. After this it will update the total amount, display the updated cart items, and updates the menu cart.

```

146  function increaseQty(name) {
147    for (let i = 0; i < cart.length; i++) {
148      cartParsedItem = JSON.parse(cart[i]);
149      if (cartParsedItem.name == name) {
150        cartParsedItem.qty++;
151        local = getCartLocalStorage();

153        itemDataInCart = JSON.parse(local[i]);
154        newQty = parseInt(itemDataInCart.qty) + 1;
155        itemDataInCart["qty"] = newQty;
156        local[i] = JSON.stringify(itemDataInCart);
157        setLocalStorage(local);
158        updateTotalAmount();
159        displayTheCartItems();
160        updateMenuCart();
161      }
162    }
163  }
```

- **function increaseQty(name)**

This will increase the quantity of specific item in cart by 1. Takes name as argument and loops through cart in hope to find matching names. If found, quantity increased by 1 and is updated in the local storage. Also, updating the total amount, displays the updated cart items and updates the cart menu.

```

166 function decreaseQty(name) {
167   for (let i = 0; i < cart.length; i++) {
168     cartParsedItem = JSON.parse(cart[i]);
169     if (cartParsedItem.name == name) {
170       cartParsedItem.qty--;
171       local = getCartLocalStorage();
172
173       itemDataInCart = JSON.parse(local[i]);
174       newQty = parseInt(itemDataInCart.qty) - 1;
175       if(newQty > 0) {
176         itemDataInCart["qty"] = newQty;
177         local[i] = JSON.stringify(itemDataInCart);
178         setLocalStorage(local);
179         updateTotalAmount();
180         dispayTheCartItems();
181         updateMenuCart();
182       } else if (newQty <= 0) {
183         removeItem(name);
184       }
185     }
186   }
187 }
188 }
```

- **function decreaseQty(name)**

This will decrease the quantity of specific item in cart by 1. Takes name as argument and loops through cart in hope to find matching names. If found, quantity decreased by 1 and is updated in the local storage. Also, updating the total amount, displays the updated cart items and updates the cart menu.

- **removeItem(name);**

If the number of items present is less than or equal to 0 then this function is called to remove the item in the cart.

```

190   function updateTotalAmount() {
191     totalAmount = 0;
192     cart = getCartLocalStorage();
193     for (let i = 0; i < cart.length; i++) {
194       parsedCartItem = JSON.parse(cart[i]);
195       totalAmount += parsedCartItem.qty * parsedCartItem.grossPrice;
196     }
197     var taxAmount = (totalAmount*0.13).toFixed(2);
198     var payableAmount = parseFloat(totalAmount) + parseFloat(taxAmount);
199     if(totalAmount > 0) {
200       $("#totalAmount").html("<td>Total Price</td><td>$ " + totalAmount + "</td>");
201       $("#taxAmount").html("<td>Tax (13%)</td><td>$ " + taxAmount + "</td>");
202       $("#payableAmount").html("<td>Payable Amount</td><td>$ " + payableAmount.toFixed(2) + "</td>");
203     } else {
204       $(".total-amount").hide();
205       $("#totalAmount").html("");
206       $("#taxAmount").html("");
207       $("#payableAmount").html("");
208       $("#make-payment-btn").hide();
209     }
210   }

```

- **function updateTotalAmount()**

This function is responsible to calculate total amount, tax amount and payable amount in the cart.

- **totalAmount = 0;**

**cart = getCartLocalStorage();**

**for (let i = 0; i < cart.length; i++) {**

**parsedCartItem = JSON.parse(cart[i]);**

**totalAmount += parsedCartItem.qty \***

**parsedCartItem.grossPrice;}**

It initializes the totalAmount to 0 and gets the present cart data in the local storage. Then loops through each item in the cart and adds product of the quantity and gross price of each item to total amount variable.

- **var taxAmount = (totalAmount\*0.13).toFixed(2);**
  
- var payableAmount = parseFloat(totalAmount) +**
- parseFloat(taxAmount);**

After the loop is done, this will calculate the tax as 13% of total using **toFixed()** method to round the value to 2 decimal places. Then the total amount and tax amount is added to display the payable amount.

- **if(totalAmount > 0) {**
  
- \$("#totalAmount").html("<td>Total Price</td><td>\$ " +**
- totalAmount + "</td>");**
  
- \$("#taxAmount").html("<td>Tax (13%)</td><td>\$ " +**
- taxAmount + "</td>");**
  
- \$("#payableAmount").html("<td>Payable Amount</td><td>\$ " + payableAmount.toFixed(2) + "</td>");**

If totalAmount is greater than 0. The HTML elements are updated and the total, tax and payable is displayed.

- **else {**
  
- \$(".total-amount").hide();**
  
- \$("#totalAmount").html("");**
  
- \$("#taxAmount").html("");**

```
$( "#payableAmount" ).html( "" );  
$( "#make-payment-btn" ).hide(); }}
```

If totalAmount is less than or equal to 0 then total, tax and payable amount is cleared and hides make payment button.

```
213   function emptyCart() {  
214     setLocalStorage([]);  
215     updateTotalAmount();  
216     updateMenuCart();  
217 }
```

- **function emptyCart() {**  
**setLocalStorage([]);**  
**updateTotalAmount();**  
**updateMenuCart(); }**

This function clears all the items from cart. This is achieved by setting an empty array in the local storage using **setLocalStorage()** function. Then, it will update the total amount and cart menu icon by calling '**updateTotalAmount()**' and '**updateMenuCart()**' functions respectively.