

Group Names: Kareem Ahmed Aboelnaga 19101202

Abdelrahman Amr Emad 19101159

**Project Pages :**

1. Home
2. Products
3. About
4. Cart
5. Checkout
6. Thankyou

**1) HTML**

1. **Home**

<!DOCTYPE html>

<html>

  <head>

    <title>Home Page</title>

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

    <link rel="stylesheet" href="CSS/home.css">

  </head>

  <body>

  <header>

    <nav class="navbar">

      <ul class="navbar-items">

        <li class="logo"><img src="images/Smartech.png" style="height: 30px;  " alt="logo"></img></li>

        <li class="active"><a href="home.html">Home</a></li>

        <li><a href="products.html">Products</a></li>

        <li><a href="about.html">About</a></li>

        <li><a href="cart.html">Cart</a></li>

      </ul>

    </nav>

  </header>

      <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

      <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>

      <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>

      <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

  <section class="bg-transparent mb-3">

    <div class="carousel">

        <div class="row ">

            <div class="col-lg-12">

                <div class="row rtl">

                  <div class="col-xl-12 col-md-12 \_\_top-slider-images" style="margin-top: 3px; padding-left:10px;">

                    <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">

                      <ol class="carousel-indicators">

                        <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>

                        <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>

                        <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>

                      </ol>

                      <div class="carousel-inner">

                        <div class="carousel-item active">

                          <img class="d-block mx-auto \_\_slide-img"  src="images\im1.png" alt="First slide" onclick="window.location.href='products.html';" style="cursor: pointer;">

                          <div class="carousel-caption d-md-block">

                          <h4>Apple Watch</h4>

                          </div>

                        </div>

                        <div class="carousel-item">

                          <img class="d-block  mx-auto \_\_slide-img" src="images\im3.png" onclick="window.location.href='products.html';" style="cursor: pointer;">

                          <div class="carousel-caption d-md-block">

                            <h4>Iphone 14</h4>

                          </div>

                        </div>

                        <div class="carousel-item">

                          <img class="d-block mx-auto \_\_slide-img" src="images\im4.png" alt="Third slide"onclick="window.location.href='products.html';" style="cursor: pointer;">

                          <div class="carousel-caption d-md-block">

                            <h4>ASUS ROG Strix G</h4>

                          </div>

                        </div>

                        <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-slide="prev">

                        <span class="carousel-control-prev-icon" aria-hidden="true"></span>

                        <span class="sr-only">Previous</span>

                        </a>

                        <a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-slide="next">

                        <span class="carousel-control-next-icon" aria-hidden="true"></span>

                        <span class="sr-only">Next</span>

                        </a>

                      </div>

                    </div>

                  </div>

                </div>

             </div>

        </div>

     </div>

  </section>

    <div class="album py-5 bg-light">

      <div class="card-container">

        <div class="row g-4">

          <div class="col-lg-4 col-md-8 col-12">

            <a href="Products.html" class="card shadow-sm h-100" style="text-decoration: none; color: #000;">

              <img src="images\im5.png" alt="Echo Dot" onclick="openLightbox('images/im5.png')">

              <div class="card-body">

                <p class="card-title">Echo Dot</p>

                <p class="card-text">Meet the Echo Dot - Our most popular smart speaker with Alexa. The sleek, compact design delivers crisp vocals and balanced bass for full sound. With VC your entertainment.</p>

              </div>

            </a>

          </div>

          <div class="col-lg-4 col-md-8 col-12" >

            <a href="Products.html" class="card shadow-sm h-100"style="text-decoration: none; color: #000;">

              <img src="images\im6.png" alt="JBL Quantum 800" onclick="openLightbox('images/im6.png')">

              <div class="card-body">

                <p class="card-title">JBL Quantum 800</p>

                <p class="card-text">Advanced Noise Cancellation Technology: Maintain your focus with Life Q30’s hybrid active noise cancellation. Dual noise-detecting microphones pick up and filter out .</p>

              </div>

            </a>

          </div>

          <div class="col-lg-4 col-md-8 col-12" >

            <a href="Products.html" class="card shadow-sm h-100"style="text-decoration: none; color: #000;">

              <img src="images\im7.png" alt="RTX 3070 TI" onclick="openLightbox('images/im7.png')">

              <div class="card-body">

                <p class="card-title">RTX 3070 TI</p>

                <p class="card-text">The GeForce RTXTM 3070 Ti and RTX 3070 graphics cards are powered by Ampere—NVIDIA’s 2nd gen RTX architecture. Built with enhanced Ray Tracing Cores and Tensor Cores.</p>

              </div>

            </a>

          </div>

        </div>

      </div>

    </div>

</html>

**B. Products**

<!DOCTYPE html>

<html>

  <head>

    <title>Products</title>

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

    <link rel="stylesheet" href="CSS/products.css">

    <script src="js/Products.js"></script>

  </head>

  <body>

    <header>

        <nav class="navbar">

          <ul class="navbar-items">

            <li class="logo"><img src="images/Smartech.png" style="height: 30px;  " alt="logo"></img></li>

            <li><a href="home.html">Home</a></li>

            <li class="active"><a href="products.html">Products</a></li>

            <li><a href="about.html">About</a></li>

              <li><a href="cart.html">Cart</a></li>

          </ul>

        </nav>

    </header>

        <div class="row py-lg-5">

          <div class="col-lg-6 col-md-8 mx-auto">

            <h1 class="fw-light">Best Selling</h1>

            <h6 class="lead text-muted">Our Best Selling items picked just for you.</h6>

            <p>

            </p>

          </div>

        </div>

        <div class="album py-5 bg-light">

          <div id="product" class="card-container">

            <div class="row g-4">

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im1.png" alt="applewatchseries6" onclick="openLightbox('images/im1.png')">

                  <div class="card-body">

                    <p class="card-title">Apple Watch Series 8</p>

                    <p class="card-text">Measure your blood oxygen level with a amazing sensor and app. Take an ECG anytime, anywhere. Equipped with a fitness metrics at a glance with the display.</p>

                  </div>

                  <div class="d-flex justify-content-between align-items-center">

                    <div class="btn-group">

                      <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im1.png')">View</button>

                      <button onclick="addToCart(0)" type="button" class="add-to-cart btn btn-sm btn-outline-secondary">Add to Cart</button>

                    </div>

                  </div>

                  <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$399.99</p>

                </div>

              </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im2.png" alt="Lenovo IdeaPad" onclick="openLightbox('images/im2.png')">

                  <div class="card-body">

                    <p class="card-title">Lenovo IdeaPad</p>

                    <p class="card-text">With a strong Processor and a sleek design you can do anything on this laptop, from watching movies to finishing excel sheets. The possiblilites are endless.</p>

                  </div>

                  <div class="d-flex justify-content-between align-items-center">

                    <div class="btn-group">

                        <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im2.png')">View</button>

                        <button onclick="addToCart(1)" type="button"   class=" add-to-cart btn btn-sm btn-outline-secondary">Add to Cart</button>

                    </div>

                  </div>

                    <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$699.99</p>

                </div>

              </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im3.png" alt="Iphone14" onclick="openLightbox('images/im3.png')">

                  <div class="card-body">

                    <p class="card-title">Iphone 14</p>

                    <p class="card-text">A lightning‑fast chip. A leap in battery life. And all‑new photo and video capabilities. iPhone 13 lets you do things you never could before — in two great sizes.</p>

                  </div>

                    <div class="d-flex justify-content-between align-items-center">

                      <div class="btn-group">

                        <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im3.png')">View</button>

                        <button onclick="addToCart(2)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                      </div>

                    </div>

                    <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$699.99</p>

                  </div>

                </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im4.png" alt="ASUS ROG Strix G" onclick="openLightbox('images/im4.png')">

                  <div class="card-body">

                    <p class="card-title">ASUS ROG Strix G</p>

                    <p class="card-text">The latest AMD Ryzen™ 9 6900HX CPU paired with up to a NVIDIA® 3080 Laptop GPU with 150W max TGP and MUX Switch form the backbone of the brand new 2022 Strix G.</p>

                    </div>

                    <div class="d-flex justify-content-between align-items-center">

                      <div class="btn-group">

                        <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im4.png')">View</button>

                        <button onclick="addToCart(3)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                      </div>

                    </div>

                    <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$1699.99</p>

                  </div>

                </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im5.png" alt="Echo Dot" onclick="openLightbox('images/im5.png')">

                  <div class="card-body">

                    <p class="card-title">Echo Dot</p>

                    <p class="card-text">Meet the Echo Dot - Our most popular smart speaker with Alexa. The sleek, compact design delivers crisp vocals and balanced bass for full sound. With VC your entertainment.</p>

                    </div>

                    <div class="d-flex justify-content-between align-items-center">

                      <div class="btn-group">

                        <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im5.png')">View</button>

                        <button onclick="addToCart(4)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                      </div>

                    </div>

                    <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$59.99</p>

                  </div>

                </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im6.png" alt="JBL Quantum 800" onclick="openLightbox('images/im6.png')">

                  <div class="card-body">

                    <p class="card-title">JBL Quantum 800</p>

                    <p class="card-text">Advanced Noise Cancellation Technology: Maintain your focus with Life Q30’s hybrid active noise cancellation. Dual noise-detecting microphones pick up and filter out .</p>

                  </div>

                  <div class="d-flex justify-content-between align-items-center">

                    <div class="btn-group">

                      <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im6.png')">View</button>

                      <button onclick="addToCart(5)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                    </div>

                  </div>

                  <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$99.99</p>

                </div>

              </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im7.png" alt="RTX 3070 TI" onclick="openLightbox('images/im7.png')">

                  <div class="card-body">

                    <p class="card-title">RTX 3070 TI</p>

                    <p class="card-text">The GeForce RTXTM 3070 Ti and RTX 3070 graphics cards are powered by Ampere—NVIDIA’s 2nd gen RTX architecture. Built with enhanced Ray Tracing Cores and Tensor Cores.</p>

                  </div>

                  <div class="d-flex justify-content-between align-items-center">

                    <div class="btn-group">

                      <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im7.png')">View</button>

                      <button onclick="addToCart(6)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                    </div>

                  </div>

                  <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$569.99</p>

                </div>

              </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im8.png" alt="HAVIT KB393L" onclick="openLightbox('images/im8.png')">

                  <div class="card-body">

                    <p class="card-title">HAVIT KB393L</p>

                    <p class="card-text">Backlit of KB393L Mechanical Gaming Keyboard and Mouse Combo is switchable among the pre-setting light effect modes. Support to customize and record 3 groups of backlit modes.</p>

                  </div>

                  <div class="d-flex justify-content-between align-items-center">

                    <div class="btn-group">

                      <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im8.png')">View</button>

                      <button onclick="addToCart(7)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                    </div>

                  </div>

                  <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$56.99</p>

                </div>

              </div>

              <div class="col-xl-2 col-lg-3 col-md-4 col-sm-6 col-12" >

                <div class="card shadow-sm h-100">

                  <img src="images\im9.png" alt="Intel Core i9" onclick="openLightbox('images/im9.png')">

                  <div class="card-body">

                    <p class="card-title">Intel Core i9</p>

                    <p class="card-text">These processors power high-end PCs with excellent CPU performance for discrete-level graphics and AI acceleration.Advancing Performance Hybrid Architecture,Built for Modern Gaming.</p>

                  </div>

                  <div class="d-flex justify-content-between align-items-center">

                    <div class="btn-group">

                      <button type="button" class="btn btn-sm btn-outline-secondary" onclick="openLightbox('images/im9.png')">View</button>

                      <button onclick="addToCart(8)" type="button" class="btn btn-sm btn-outline-secondary">Add to Cart</button>

                    </div>

                  </div>

                  <p style="font-size: 24px; color: darkgoldenrod; margin-bottom: 0;">$569.99</p>

                </div>

              </div>

              <div id="lightbox" class="lightbox" onclick="closeLightbox()">

                <span class="close-button" onclick="closeLightbox()">&times;</span>

                <div class="lightbox-content">

                  <img id="lightbox-image" class="lightbox-image" src="" alt="Enlarged Image">

                </div>

              </div>

            </div>

          </div>

        </div>

      </div>

  </body>

</html>

**C. About**

<!DOCTYPE html>

<html>

<head>

    <title>About us</title>

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

    <link rel="stylesheet" href="CSS/about.css">

    <script src="js/About.js"></script>

</head>

<body>

  <header>

      <nav class="navbar">

        <ul class="navbar-items">

          <li class="logo"><img src="images/Smartech.png" style="height: 30px;  " alt="logo"></img></li>

          <li><a href="home.html">Home</a></li>

          <li><a href="products.html">Products</a></li>

          <li class="active"><a href="about.html">About</a></li>

            <li><a href="cart.html">Cart</a></li>

        </ul>

      </nav>

  </header>

  <div class="about-section">

    <p style="text-align:center">Some text about who we are and what we do.</p>

  </div>

  <h2 style="text-align:center">Our Team</h2>

  <div class="album py-5 bg-light">

    <div class="card-container">

      <div class="row g-4">

        <div class="col-12 col-lg-6" >

          <div class="card">

            <div class="circle-container" onclick="openLightbox('images/kareem.jpg')">

              <img src="images/kareem.jpg" alt="Kareem Aboelnaga">

            </div>

            <div class="card-body">

              <h2 class="card-title">Kareem Aboelnaga</h2>

              <p class="card-text">Cofounder<br>19101202<br>kareemaboelnaga18@gmail.com</p>

              <button type="button" class="btn btn-sm btn-outline-secondary" onclick="sendEmail1()">Contact</button></p>

            </div>

          </div>

        </div>

        <div class="col-12 col-lg-6" >

          <div class="card">

            <div class="circle-container" onclick="openLightbox('images/abdelrahman.jpg')">

              <img src="images/abdelrahman.jpg" alt="Abdelrahman Amr" >

            </div>

            <div id="lightbox" class="lightbox" onclick="closeLightbox()" >

              <span class="close-button" onclick="closeLightbox()">&times;</span>

              <div class="lightbox-content">

                <img id="lightbox-image" class="lightbox-image" src="" alt="Enlarged Image">

              </div>

            </div>

            <div class="card-body">

              <h2 class="card-title">Abdelrahman Amr</h2>

              <p class="card-text">Cofounder<br>19101159<br>abdelrhman.mano.aae@gmail.com</p>

              <button type="button" class="btn btn-sm btn-outline-secondary" onclick="sendEmail2()">Contact</button></p>

            </div>

          </div>

        </div>

      </div>

    </div>

  </div>

</body>

</html>

**D. Cart**

<!DOCTYPE html>

<html>

  <head>

    <title>Cart</title>

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

    <link rel="stylesheet" href="CSS/cart.css">

  </head>

  <body>

    <header>

      <nav class="navbar">

        <ul class="navbar-items">

          <li class="logo"><img src="images/Smartech.png" style="height: 30px;  " alt="logo"></img></li>

          <li><a href="home.html">Home</a></li>

          <li><a href="products.html">Products</a></li>

          <li><a href="about.html">About</a></li>

          <li class="active"><a href="cart.html">Cart</a></li>

        </ul>

      </nav>

    </header>

    <h3 id="empty"></h3>

    <table id="cartTable">

      <tr>

        <th style="width: 200px;" id="imageContainer"></th>

        <th id="product"></th>

        <th id="quantity"></th>

        <th id="price"></th>

        <th id="checkout"></th>

      </tr>

    </table>

    <a href="checkout.html">

      <button class="hidden checkout-button" id="checkoutButton">Checkout</button>

    </a>

    <script src="js/cart.js"></script>

  </body>

</html>

**E. CheckOut**

<!doctype html>

<html>

  <head>

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="CSS/checkout.css">

    <title>Checkout</title>

  </head>

  <body class="bg-light min">

    <div class="container">

        <div class="py-5 text-center">

            <img class="d-block mx-auto mb-4" src="images/cartlogo.png" alt="" width="72" height="72">

            <h2>Checkout form</h2>

            <p class="lead">Please fill out this form to complete the checkout process.</p>

        </div>

        <div class="row">

            <div class="col-12">

                <h4 class="d-flex justify-content-between align-items-center mb-3">

                    <span class="text-muted">Items in your cart  <i class="fas fa-shopping-cart"></i>

                        <span id="cartItemsQuantity"></span>

                    </span>

                </h4>

                <ul class="list-group justify-content-between sticky-top" id="ProductsContainer">

                    <li class="list-group-item   lh-condensed" id="productsInCartContainer">

                        <div class="container">

                            <table>

                              <tr>

                                <th>Product</th>

                                <th>Quantity</th>

                                <th>Price</th>

                              </tr>

                              <tr>

                                  <td id="product"></td>

                                  <td id="quantity"></td>

                                  <td id="price"></td>

                              </tr>

                            </table>

                        </div>

                        <span class="text-muted"></span>

                    </li>

                    <li class="list-group-item d-flex justify-content-between">

                        <strong>Total Price: </strong>

                        <strong id="totalCost"></strong>

                    </li>

                </ul>

            </div>

            <div">

                <h4>Billing address</h4>

                <form novalidate="" action="checkoutForm.php" onsubmit="return validateForm(event )">

                    <div class="row">

                        <div class="col-12">

                            <label for="firstName">First name <span class="text-muted">\*</span></label>

                            <input type="text" class="form-control" name="fName" id="firstName" placeholder="Bahaa" value="" required="">

                            <div class="invalid-feedback" id="firstNameError"> Please enter a valid first name. </div>

                        </div>

                        <div class=" col-12">

                            <label for="lastName">Last name <span class="text-muted">\*</span></label>

                            <input type="text" class="form-control" name="lName" id="lastName" placeholder="Eltawil" value="" required="">

                            <div class="invalid-feedback" id="lastNameError"> Valid last name is required. </div>

                        </div>

                        <div class="col-12">

                            <label for="email">Email <span class="text-muted">\*</span></label>

                            <div class="input-group">

                                <span class="input-group-text"><i class="fas fa-user"></i></span>

                                <input type="email" class="form-control" name="emailAddress" id="email" placeholder="you@example.com" required="">

                            </div>

                            <div class="invalid-feedback" id="emailError"> Please enter a valid email address. </div>

                        </div>

                        <div class="col-12">

                            <label for="address">Address <span class="text-muted">\*</span></label>

                            <input type="text" class="form-control"  id="address" placeholder="Kafr Abdo" required="">

                            <div class="invalid-feedback" id="addressError"> Please enter your shipping address.</div>

                        </div>

                     </div>

                     <div class="col-12">

                        <label for="address2">Address 2 <span class="text-muted">(Optional)</span></label>

                        <input type="text" class="form-control" id="address2" placeholder="Apartment">

                     </div>

                     <div class="row">

                        <div class="col-12">

                            <label for="country" class="form-label">Country</label>

                            <div class="input-group">

                                <span class="input-group-text"><i class="fas fa-globe-africa"></i></span>

                                <input type="text" name="" id="country" class="form-control" value="Egypt" readonly>

                            </div>

                        </div>

                        <div class="col-12">

                            <label for="city" class="form-label">City <span class="text-muted">\*</span></label>

                            <select name="" id="city" class="form-control" required>

                                <option value="">Select your city</option>

                                <option value="Cairo">Cairo</option>

                                <option value="Giza">Giza</option>

                                <option value="Alexandria">Alexandria</option>

                                <option value="Luxor">Luxor</option>

                                <option value="Aswan">Aswan</option>

                                <option value="Tanta">Tanta</option>

                                <option value="Port Said">Port Said</option>

                                <option value="Asyut">Asyut</option>

                                <option value="Suez">Suez</option>

                            </select>

                            <div class="invalid-feedback">

                                Please select a city.

                            </div>

                        </div>

                     </div>

                    <hr class="mb-4">

                    <h4 class="mb-3">Payment</h4>

                    <div class="d-block my-3">

                        <div class="custom-control custom-radio">

                            <input id="credit" name="paymentMethod" type="radio" class="custom-control-input" required="" onclick="checkPressed();">

                            <label class="custom-control-label" for="credit">Credit card</label>

                        </div>

                        <div class="custom-control custom-radio">

                            <input id="cash" name="paymentMethod" type="radio" class="custom-control-input" required="" onclick="checkPressed();">

                            <label class="custom-control-label" for="cash">Cash</label>

                        </div>

                    </div>

                    <div class="row">

                        <div class="col-md-6 mb-3">

                            <label for="cc-name" id="creditCardLabel" style="display: none;">Name on card</label>

                            <input type="text" class="form-control" id="cc-name" placeholder="" required="" style="display: none;">

                            <small class="text-muted" id="cc-muted" style="display: none;">Full name as displayed on card</small>

                            <div class="invalid-feedback" id="nameOnCardError" style="display: none;"> Name on card is required </div>

                        </div>

                        <div class="col-md-6 mb-3">

                            <label for="cc-number" id="cardNumberLabel" style="display: none;">Credit card number</label>

                            <input type="text" class="form-control" id="cc-number" placeholder="" required="" style="display: none;">

                            <div class="invalid-feedback" id="creditCardNumberError" style="display: none;"> Credit card number is required </div>

                        </div>

                    </div>

                    <div class="row">

                        <div class="col-md-3 mb-3">

                            <label for="cc-expiration" id="cardExpLabel" style="display: none;">Expiration</label>

                            <input type="text" class="form-control" id="cc-expiration" placeholder="MM/YY" required="" style="display: none;">

                            <div class="invalid-feedback" id="expirationDateError" style="display: none;"> Expiration date required </div>

                        </div>

                        <div class="col-md-3 mb-3">

                            <label for="cc-cvv" id="cvvLabel" style="display: none;">CVV</label>

                            <input type="text" class="form-control" id="cc-cvv" placeholder="" required="" style="display: none;">

                            <div class="invalid-feedback" id="cvvError" style="display: none;"> Security code required </div>

                        </div>

                    </div>

                    <hr class="mb-4">

                        <button type="submit" class="btn btn-primary btn-lg btn-block">Checkout</button>

                </form>

            </div>

        </div>

        <footer class="my-5 pt-5 text-muted text-center text-small">

            <p class="mb-1">©2023 Web Project</p>

        </footer>

    </div>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>

    <script src="Javascript/checkoutForm.js"></script>

    <script src="js/checkout.js"></script>

  </body>

</html>

**F. ThankYou**

<html>

<head>

    <title>Thanks</title>

    <link rel="stylesheet" href="https://2-22-4-dot-lead-pages.appspot.com/static/lp918/min/default\_thank\_you.css">

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">

</head>

<body>

    <header class="site-header" id="header">

        <h1 class="site-header\_\_title" data-lead-id="site-header-title">THANK YOU!</h1>

    </header>

    <div class="main-content">

        <i class="fa fa-check main-content\_\_checkmark" id="checkmark"></i>

        <p class="main-content\_\_body" data-lead-id="main-content-body">Thank you for placing an order. It means a lot to us, just like you do! We really appreciate your trust!</p>

    </div>

    <a href="Products.html">

        <button class="btn btn-primary btn-lg btn-block">Place another order</button>

    </a>

    <footer class="site-footer" id="footer">

        <p style="text-align: center;  position: relative; top: 230px;" class="site-footer\_\_fineprint" id="fineprint">Copyright ©Web Project 2023 |<br> All Rights Reserved</p>

    </footer>

</body>

</html>

<script src="js/thankyou.js"></script>

**2) CSS**

**A. Home**

header {

      background-color: #333;

      padding: 10px;

    }

    .navbar {

      display: flex;

      justify-content: space-between;

      align-items: center;

    }

    .navbar-items{

      list-style-type: none;

      margin: 0;

      padding: 0;

      display: flex;

    }

    .navbar-items li{

      margin-right: 30px;

    }

    .navbar-items li a {

      color: #fff;

      text-decoration: none;

      transition: color 0.4s ease;

    }

    .navbar-items li a:hover {

      color: #ff7f50;

    }

    .navbar-items li.active a {

      color: #ff7f50;

    }

    .login-signup a {

      color: #fff;

    }

    .cart-logo {

      height: 30px;

      width: auto;

    }

    .carousel {

      background-color: rgb(73, 76, 80);

      height: 400px;

      overflow: hidden;

    }

    .carousel-inner {

      height: 100%;

    }

    .carousel-item {

      display: flex;

      align-items: center;

      justify-content: center;

      height: 100

    }

    .carousel-item img {

      max-height: 100%;

      max-width: 100%;

      object-fit: contain;

    }

    .carousel-item h4{

      color: rgb(255, 255, 255);

      font-family: 'Lucida Grande', 'Lucida Sans', Arial, sans-serif;

    }

    .card-container{

margin-bottom: 20px;

display: flex;

flex-direction: column;

padding: 50px;

}

.card-body {

flex-grow: 1;

}

.card img{

height: 200px;

object-fit: contain;

object-position: center;

transition: transform 0.3s ease;

}

.card:hover .card img {

      transform: scale(1.2);

    }

.card-title {

font-size: 20px;

height: 40px;

font-weight: bold;

margin-bottom: 10px;

}

.card-text {

margin-bottom: 10px;

padding-top: 10px;

}

**B. Products**

header {

    background-color: #333;

    padding: 10px;

  }

  .navbar {

    display: flex;

    justify-content: space-between;

    align-items: center;

  }

  .navbar-items{

    list-style-type: none;

    margin: 0;

    padding: 0;

    display: flex;

  }

  .navbar-items li{

    margin-right: 30px;

  }

  .navbar-items li a {

    color: #fff;

    text-decoration: none;

    transition: color 0.4s ease;

  }

  .navbar-items li a:hover {

    color: #ff7f50;

  }

  .navbar-items li.active a {

    color: #ff7f50;

  }

  .login-signup a {

    color: #fff;

  }

h1, h6 {

text-align: center;

}

.card-container{

margin-bottom: 20px;

display: flex;

flex-direction: column;

padding: 50px;

}

.card-body {

flex-grow: 1;

}

.card img{

height: 200px;

object-fit: contain;

object-position: center;

}

.card-title {

font-size: 20px;

height: 60px;

font-weight: bold;

margin-bottom: 10px;

}

.card-text {

margin-bottom: 10px;

padding-top: 10px;

}

.btn-group{

overflow:inherit;

padding-left: 10px;

padding-bottom: 10px;

}

.lightbox {

    position: fixed;

    z-index: 9999;

    top: 0;

    left: 0;

    width: 100%;

    height: 100%;

    background-color: rgba(0, 0, 0, 0.8);

    display: none;

    justify-content: center;

    align-items: center;

  }

  .lightbox-content {

    max-width: 80%;

    max-height: 80%;

    min-height: 300px;

    display: flex;

    justify-content: center;

    align-items: center;

  }

  .lightbox-image {

    max-width: 80%;

    max-height: 80%;

    padding: 200px;

    object-fit: scale-down;

  }

  .close-button {

    position: absolute;

    top: 10px;

    right: 10px;

    color: #fff;

    font-size: 24px;

    cursor: pointer;

  }

**C. About**

header {

    background-color: #333;

    padding: 10px;

  }

  .navbar {

    display: flex;

    justify-content: space-between;

    align-items: center;

  }

  .navbar-items{

    list-style-type: none;

    margin: 0;

    padding: 0;

    display: flex;

  }

  .navbar-items li{

    margin-right: 30px;

  }

  .navbar-items li a {

    color: #fff;

    text-decoration: none;

    transition: color 0.4s ease;

  }

  .navbar-items li a:hover {

    color: #ff7f50;

  }

  .navbar-items li.active a {

    color: #ff7f50;

  }

  .login-signup a {

    color: #fff;

  }

.card-container{

margin-bottom: 20px;

display: flex;

flex-direction: column;

padding: 50px;

}

.card-body {

flex-grow: 1;

}

.card img{

position: absolute;

    top: 0;

    left: 0;

    width: 100%;

    height: 100%;

    object-fit: cover;

}

.card-title {

font-size: 20px;

font-weight: bold;

margin-bottom: 10px;

}

.card-text {

margin-bottom: 10px;

}

.circle-container {

    position: relative;

    display: inline-block;

    width: 200px;

    height: 200px;

    border-radius: 50%;

    overflow: hidden;

  }

  .lightbox {

    position: fixed;

    z-index: 9999;

    top: 0;

    left: 0;

    width: 100%;

    height: 100%;

    background-color: rgba(0, 0, 0, 0.8);

    display: none;

    justify-content: center;

    align-items: center;

  }

  .lightbox-content {

    max-width: 70%;

    max-height: 70%;

    display: flex;

    justify-content: center;

    align-items: center;

  }

  .lightbox-image {

    max-width: 70%;

    max-height: 100%;

    padding: 200px;

  }

  .close-button {

    position: absolute;

    top: 10px;

    right: 10px;

    color: #fff;

    font-size: 24px;

    cursor: pointer;

  }

**D. Cart**

header {

    background-color: #333;

    padding: 10px;

  }

  .navbar {

    display: flex;

    justify-content: space-between;

    align-items: center;

  }

  .navbar-items {

    list-style-type: none;

    margin: 0;

    padding: 0;

    display: flex;

  }

  .navbar-items li {

    margin-right: 30px;

  }

  .navbar-items li a {

    color: #fff;

    text-decoration: none;

    transition: color 0.4s ease;

  }

  .navbar-items li a:hover {

    color: #ff7f50;

  }

  .navbar-items li.active a {

    color: #ff7f50;

  }

  .login-signup a {

    color: #fff;

  }

  .cart-logo {

    height: 30px;

    width: auto;

  }

  table {

    border-collapse: collapse;

    width: 100%;

  }

  th, td {

    padding: 8px;

    text-align: left;

    border-bottom: 1px solid #ddd;

  }

  #imageContainer img {

    max-height: 200px;

  }

  .checkout-button {

    color: #fff;

    background-color: #ff7f50;

    border: none;

    padding:5px 10px;

    margin-right: 15px;

    font-size: large;

    border-radius: 3px;

    transition: background-color 0.3s ease;

    float: right;

  }

  .checkout-button:hover {

    background-color: #ffa07a;

  }

  .hidden {

    display: none;

  }

  #empty {

    text-align: center;

  }

**E. CheckOut**

.container {

    width: 500px;

}

table {

    min-width: 400px;

}

th,

td {

  padding: 8px;

}

th:first-child,

td:first-child {

  align-self: flex-start;

}

th:nth-child(2),

td:nth-child(2) {

  align-self: center;

}

th:last-child,

td:last-child {

  align-self: flex-end;

}

.form-control.is-valid {

      background-color: #e7f7ee;

      border-color: #3ac162;

    }

    .form-control.is-invalid {

      background-color: #fdf0f0;

      border-color: #e92c2c;

    }

**3) JavaScript**

**A) Products**

function openLightbox(inp) {

    var lightbox = document.getElementById("lightbox");

    var lightboxImage = document.getElementById("lightbox-image");

    lightboxImage.src = inp;

    lightbox.style.display = "flex";

    }

    function closeLightbox() {

      document.getElementById("lightbox").style.display = "none";

    }

    document.addEventListener("DOMContentLoaded", function() {

      document.getElementById("lightbox").style.display = "none";

    });

    let item = [ {

        name: "Apple Watch Series 8",

        tag: 'watches',

        price: 399.99,

        image: 'images/im1.png',

        inCart: 0

    },

    {

        name: "Lenovo IdeaPad",

        tag: 'Laptops',

        price: 699.99,

        image: 'images/im2.png',

        inCart: 0

    },

    {

        name: "Iphone 14",

        tag: 'mobiles',

        price: 699.99,

        image: 'images/im3.png',

        inCart: 0

    },

    {

        name: "ASUS ROG Strix G",

        tag: 'Laptops',

        price: 1699.99,

        image: 'images/im4.png',

        inCart: 0

    },

    {

        name: "Echo Dot",

        tag: 'speakers',

        price: 59.99,

        image: 'images/im5.png',

        inCart: 0

    },

    {

        name: "JBL Quantom 800",

        tag: 'speakers',

        price: 99.99,

        image: 'images/im6.png',

        inCart: 0

    },

    {

        name: "RTX 3070 TI",

        tag: 'graphicscard',

        price: 569.99,

        image: 'images/im7.png',

        inCart: 0

    },

    {

        name: "HAVIT KB393L",

        tag: 'keyboard',

        price: 499.99,

        image: 'images/im8.png',

        inCart: 0

    },

    {

        name: "Intel Core I9",

        tag: 'processor',

        price: 569.99,

        image: 'images/im9.png',

        inCart: 0

    }

  ]

  function addToCart(i) {

  var selectedProduct = item[i];

  var existingCartItems = getCartItems();

  var found = false;

  for (var j = 0; j < existingCartItems.length; j++) {

    if (existingCartItems[j].name === selectedProduct.name) {

      existingCartItems[j].inCart++;

      found = true;

      break;

    }

  }

  if (!found) {

    item[i].inCart++;

    var newCartItem = item[i];

    existingCartItems.push(newCartItem);

  }

  saveCartItems(existingCartItems);

}

function getCartItems() {

  var cartData = localStorage.getItem('cart');

  return cartData ? JSON.parse(cartData) : [];

}

function saveCartItems(cartItems) {

  localStorage.setItem('cart', JSON.stringify(cartItems));

}

**B) About**

function openLightbox(inp) {

    var lightbox = document.getElementById("lightbox");

    var lightboxImage = document.getElementById("lightbox-image");

    lightboxImage.src = inp;

    lightbox.style.display = "flex";

    }

function closeLightbox() {

    document.getElementById("lightbox").style.display = "none";

}

function sendEmail1() {

  var recipientEmail = 'kareemaboelnaga18@gmail.com';

  var subject = 'Feedback';

  var body = 'Dear Kareem,\n';

  var mailtoLink = 'mailto:' + recipientEmail + '?subject=' + encodeURIComponent(subject) + '&body=' + encodeURIComponent(body);

  window.location.href = mailtoLink;

}

function sendEmail2() {

  var recipientEmail = 'abdelrhman.mano.aae@gmail.com';

  var subject = 'Feedback';

  var body = 'Dear Abdelrahman,\n';

  var mailtoLink = 'mailto:' + recipientEmail + '?subject=' + encodeURIComponent(subject) + '&body=' + encodeURIComponent(body);

  window.location.href = mailtoLink;

}

**C) Cart**

var cartItems = JSON.parse(localStorage.getItem('cart'));

var table = document.getElementById("cartTable");

var emptyText = document.getElementById("empty");

var product = document.getElementById("product");

var quantity = document.getElementById("quantity");

var price = document.getElementById("price");

var imageContainer = document.getElementById("imageContainer");

var checkoutButton = document.getElementById("checkoutButton");

var totalPrice = 0;

  if (cartItems.length === 0) {

    table.classList.add("hidden");

    emptyText.textContent = "Your cart is empty";

    checkoutButton.classList.add("hidden");

  }

   else {

    for (var i = 0; i < cartItems.length; i++) {

      product.textContent = "Product";

      quantity.textContent = "Quantity";

      price.textContent = "Price";

      imageContainer.textContent = "";

      var image = document.createElement('img');

      image.style.maxWidth = "200px";

      image.src = cartItems[i].image;

      var name = cartItems[i].name;

      var priceValue = cartItems[i].price;

      var inCart = cartItems[i].inCart;

      totalPrice += priceValue \* inCart;

      var row = document.createElement("tr");

      var imageCell = document.createElement("td");

      imageCell.appendChild(image);

      row.appendChild(imageCell);

      var productCell = document.createElement("td");

      productCell.textContent = name;

      row.appendChild(productCell);

      var quantityCell = document.createElement("td");

      var decreaseBtn = document.createElement("button");

      decreaseBtn.textContent = " - ";

      decreaseBtn.style.backgroundColor = 'transparent';

      decreaseBtn.style.border = '1px solid #ccc';

      decreaseBtn.addEventListener("click", decreaseQuantity);

      quantityCell.appendChild(decreaseBtn);

      var quantityElement = document.createElement("span");

      quantityElement.className = "quantity";

      quantityElement.textContent = inCart;

      quantityCell.appendChild(quantityElement);

      var increaseBtn = document.createElement("button");

      increaseBtn.textContent = " + ";

      increaseBtn.style.backgroundColor = 'transparent';

      increaseBtn.style.border = '1px solid #ccc';

      increaseBtn.addEventListener("click", increaseQuantity);

      quantityCell.appendChild(increaseBtn);

      row.appendChild(quantityCell);

      var priceCell = document.createElement("td");

      priceCell.textContent = priceValue.toFixed(2);

      row.appendChild(priceCell);

      table.appendChild(row);

    }

    var totalPriceRow = document.createElement("tr");

    var totalPriceLabelCell = document.createElement("td");

    totalPriceLabelCell.textContent = "Total Price:";

    totalPriceLabelCell.colSpan = 3;

    totalPriceRow.appendChild(totalPriceLabelCell);

    var totalPriceValueCell = document.createElement("td");

    totalPriceValueCell.textContent = totalPrice.toFixed(2);

    totalPriceRow.appendChild(totalPriceValueCell);

    table.appendChild(totalPriceRow);

    checkoutButton.classList.remove("hidden");

  }

  function decreaseQuantity() {

    var row = this.parentNode.parentNode;

    var quantityElement = row.querySelector(".quantity");

    var currentQuantity = parseInt(quantityElement.textContent);

    if (currentQuantity > 1) {

      currentQuantity -= 1;

      quantityElement.textContent = currentQuantity;

      updateTotalPrice(-parseFloat(row.querySelector("td:last-child").textContent));

      updateCartItemQuantity(row.rowIndex - 1, currentQuantity);

    }

    else {

      table.deleteRow(row.rowIndex);

      updateTotalPrice(-parseFloat(row.querySelector("td:last-child").textContent));

      removeCartItem(row.rowIndex - 1);

      if (cartItems.length === 0) {

        table.classList.add("hidden");

        emptyText.textContent = "Your cart is empty";

        checkoutButton.classList.add("hidden");

      }

    }

  }

  function removeCartItem(index) {

    cartItems.splice(index, 1);

    localStorage.setItem('cart', JSON.stringify(cartItems));

  }

  function increaseQuantity() {

    var row = this.parentNode.parentNode;

    var quantityElement = row.querySelector(".quantity");

    var currentQuantity = parseInt(quantityElement.textContent);

    currentQuantity += 1;

    quantityElement.textContent = currentQuantity;

    updateTotalPrice(parseFloat(row.querySelector("td:last-child").textContent));

    updateCartItemQuantity(row.rowIndex - 1, currentQuantity);

  }

  function updateTotalPrice(change) {

    totalPrice += change;

    totalPriceValueCell.textContent = totalPrice.toFixed(2);

  }

  function updateCartItemQuantity(index, quantity) {

    cartItems[index].inCart = quantity;

    localStorage.setItem('cart', JSON.stringify(cartItems));

  }

**D) CheckOut**

var cartItems = JSON.parse(localStorage.getItem('cart'));

var quantity = document.getElementById("quantity");

var product = document.getElementById("product");

var price = document.getElementById("price");

var totalPrice = 0;

for (var i = 0; i < cartItems.length; i++) {

    product.innerHTML += cartItems[i].name;

    product.innerHTML += "<br>";

    quantity.innerHTML += cartItems[i].inCart;

    quantity.innerHTML += "<br>";

    price.innerHTML += "$";

    price.innerHTML += cartItems[i].price;

    price.innerHTML += "<br>";

    totalPrice += cartItems[i].inCart \* cartItems[i].price;

}

var price = document.getElementById("totalCost");

price.innerHTML += "$";

price.innerHTML += totalPrice.toFixed(2);

const form = document.querySelector('.needs-validation');

form.addEventListener('submit', function(event) {

    if (!form.checkValidity()) {

        event.preventDefault();

        event.stopPropagation();

    }

    form.classList.add('was-validated');

});

function validateForm(event) {

    event.preventDefault();

    const firstNameInput = document.getElementById('firstName');

    const lastNameInput = document.getElementById('lastName');

    const emailInput = document.getElementById('email');

    const addressInput = document.getElementById('address');

    const cityInput = document.getElementById('city');

    const creditCardInput = document.getElementById('cc-name');

    const cardNumberInput = document.getElementById('cc-number');

    const expirationInput = document.getElementById('cc-expiration');

    const cvvInput = document.getElementById('cc-cvv');

    let isValid = true;

    if (!firstNameInput.value.trim()|| !isValidName(firstNameInput.value.trim())) {

    firstNameInput.classList.remove('is-valid');

    firstNameInput.classList.add('is-invalid');

    document.getElementById('firstNameError').style.display = 'block';

    isValid = false;

    }

    else {

    firstNameInput.classList.remove('is-invalid');

    document.getElementById('firstNameError').style.display = 'none';

    firstNameInput.classList.add('is-valid');

    isValid = true;

    }

    if (!lastNameInput.value.trim()|| !isValidName(lastNameInput.value.trim())) {

    lastNameInput.classList.add('is-invalid');

    document.getElementById('lastNameError').style.display = 'block';

    isValid = false;

    }

    else {

    lastNameInput.classList.remove('is-invalid');

    document.getElementById('lastNameError').style.display = 'none';

    lastNameInput.classList.add('is-valid');

    }

    if (!emailInput.value.trim() || !isValidEmail(emailInput.value.trim())) {

    emailInput.classList.add('is-invalid');

    document.getElementById('emailError').style.display = 'block';

    isValid = false;

    }

     else {

    emailInput.classList.add('is-valid');

    emailInput.classList.remove('is-invalid');

    document.getElementById('emailError').style.display = 'none';

    }

    if (!addressInput.value.trim()) {

    addressInput.classList.add('is-invalid');

    document.getElementById('addressError').style.display = 'block';

    isValid = false;

    }

    else {

    addressInput.classList.add('is-valid');

    addressInput.classList.remove('is-invalid');

    document.getElementById('addressError').style.display = 'none';

    }

    if (cityInput.value === '') {

    cityInput.classList.add('is-invalid');

    isValid = false;

    }

    else {

    cityInput.classList.add('is-valid');

    cityInput.classList.remove('is-invalid');

    }

    if (document.getElementById('credit').checked) {

        if (!creditCardInput.value.trim()|| !isValidName(creditCardInput.value.trim())) {

            creditCardInput.classList.add('is-invalid');

            document.getElementById('nameOnCardError').style.display = 'block';

            isValid = false;

        }

        else {

            creditCardInput.classList.add('is-valid');

            creditCardInput.classList.remove('is-invalid');

            document.getElementById('nameOnCardError').style.display = 'none';

        }

        if (!cardNumberInput.value.trim() || !isValidCardNumber(cardNumberInput.value.trim())) {

            cardNumberInput.classList.add('is-invalid');

            document.getElementById('creditCardNumberError').style.display = 'block';

            isValid = false;

        }

         else {

            cardNumberInput.classList.add('is-valid');

            cardNumberInput.classList.remove('is-invalid');

            document.getElementById('creditCardNumberError').style.display = 'none';

        }

        if (!expirationInput.value.trim() || !isValidExp(expirationInput.value.trim())) {

            expirationInput.classList.add('is-invalid');

            document.getElementById('expirationDateError').style.display = 'block';

            isValid = false;

        }

        else {

            expirationInput.classList.add('is-valid');

            expirationInput.classList.remove('is-invalid');

            document.getElementById('expirationDateError').style.display = 'none';

        }

        if (!cvvInput.value.trim()|| !isValidCVV(cvvInput.value.trim())) {

            cvvInput.classList.add('is-invalid');

            document.getElementById('cvvError').style.display = 'block';

            isValid = false;

        }

        else {

            cvvInput.classList.add('is-valid');

            cvvInput.classList.remove('is-invalid');

            document.getElementById('cvvError').style.display = 'none';

        }

    }

    if (!isValid) {

    return;

    }

    window.location.href = "thankyou.html";

}

function isValidName(name) {

    const nameRegex = /^[a-zA-Z ]+$/;

    return nameRegex.test(name);

}

function isValidEmail(email) {

    const emailRegex = /^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/;

    return emailRegex.test(email);

}

function isValidCardNumber(cardNumber) {

    const cardNumberRegex = /^\d{16}$/;

    return cardNumberRegex.test(cardNumber);

}

function isValidExp(expirationInput){

    const expRegex = /^(0[1-9]|1[0-2])\/?([0-9]{4}|[0-9]{2})$/;

    return expRegex.test(expirationInput);

}

function isValidCVV(cvvInput){

    const expRegex = /^[1-9][0-9]{2}$/;

    return expRegex.test(cvvInput);

}

function handleCheckboxChange() {

    const addressInput = document.getElementById('address');

    const address2Input = document.getElementById('address2');

    const countryInput = document.getElementById('country');

    const cityInput = document.getElementById('city');

    if (document.getElementById('same-address').checked) {

    address2Input.value = '';

    countryInput.value = 'Egypt';

    cityInput.value = '';

    addressInput.setAttribute('readonly', '');

    address2Input.setAttribute('readonly', '');

    countryInput.setAttribute('readonly', '');

    cityInput.setAttribute('readonly', '');

    }

     else {

    addressInput.removeAttribute('readonly');

    address2Input.removeAttribute('readonly');

    countryInput.removeAttribute('readonly');

    cityInput.removeAttribute('readonly');

    }

}

function checkPressed() {

    const creditCardLabel = document.getElementById('creditCardLabel');

    const cardNumberLabel = document.getElementById('cardNumberLabel');

    const cardExpLabel = document.getElementById('cardExpLabel');

    const cvvLabel = document.getElementById('cvvLabel');

    const ccNameInput = document.getElementById('cc-name');

    const ccNamedetInput = document.getElementById('cc-muted');

    const ccNumberInput = document.getElementById('cc-number');

    const ccExpirationInput = document.getElementById('cc-expiration');

    const ccCvvInput = document.getElementById('cc-cvv');

    ccNameInput.style.display = "none";

    ccNumberInput.style.display = "none";

    ccExpirationInput.style.display = "none";

    ccCvvInput.style.display = "none";

    ccNamedetInput.style.display = "none";

    if (document.getElementById('credit').checked) {

    creditCardLabel.style.display = 'block';

    cardNumberLabel.style.display = 'block';

    cardExpLabel.style.display = 'block';

    cvvLabel.style.display = 'block';

    ccNameInput.style.display = "block";

    ccNumberInput.style.display = "block";

    ccExpirationInput.style.display = "block";

    ccCvvInput.style.display = "block";

    ccNamedetInput.style.display = "block";

    ccNameInput.setAttribute('required', '');

    ccNumberInput.setAttribute('required');

    ccExpirationInput.setAttribute('required', '');

    ccCvvInput.setAttribute('required', '');

    }

    else {

    creditCardLabel.style.display = 'none';

    cardNumberLabel.style.display = 'none';

    cardExpLabel.style.display = 'none';

    cvvLabel.style.display = 'none';

    ccNameInput.removeAttribute('required');

    ccNameInput.style.display = "none";

    ccNumberInput.removeAttribute('required');

    ccNumberInput.style.display = "none";

    ccExpirationInput.removeAttribute('required');

    ccExpirationInput.style.display = "none";

    ccCvvInput.removeAttribute('required');

    ccCvvInput.style.display = "none";

    ccNamedetInput.style.display = "none";

    }

}

document.getElementById('same-address').addEventListener('change', handleCheckboxChange);

document.getElementById('credit').addEventListener('change', checkPressed);

document.getElementById('cash').addEventListener('change', checkPressed);

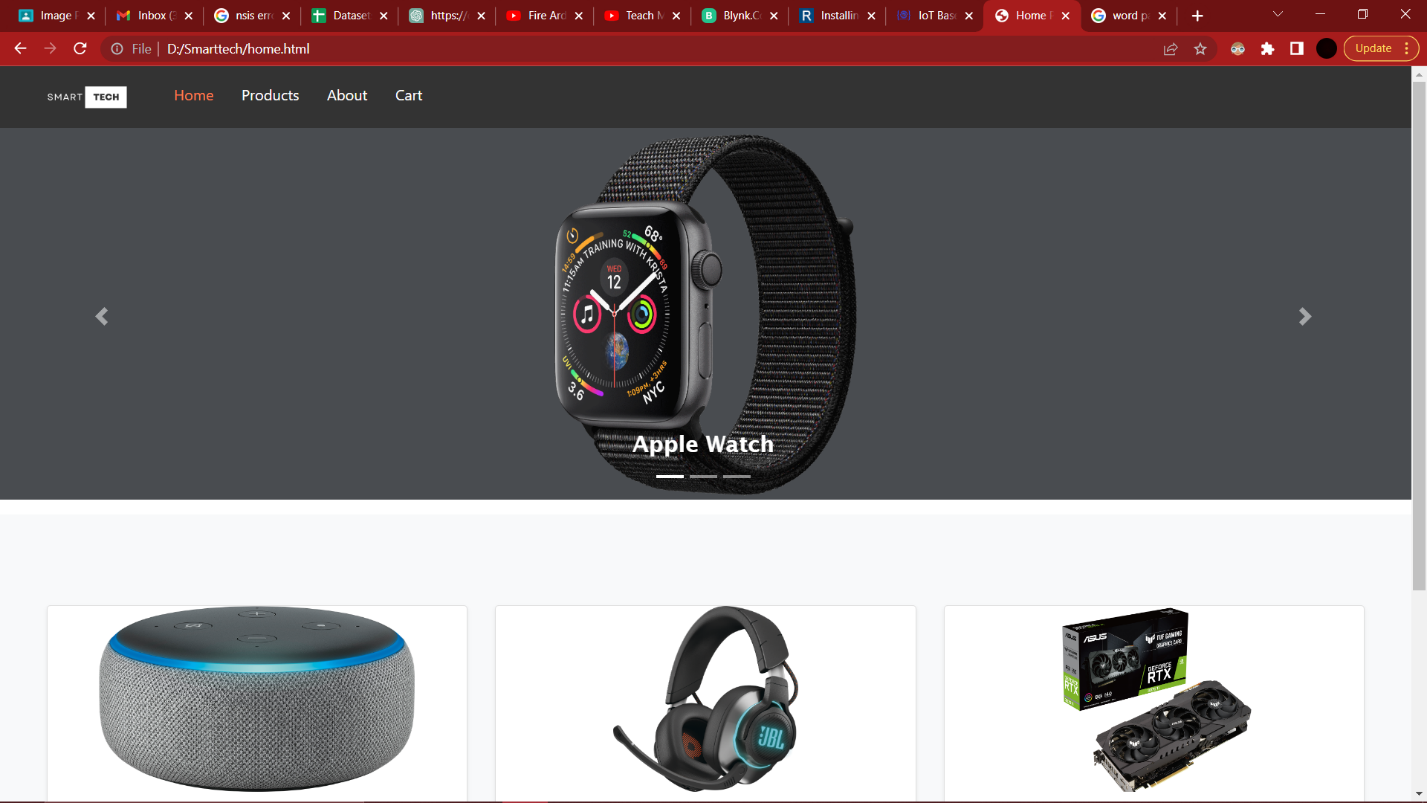
**E) ThankYou**

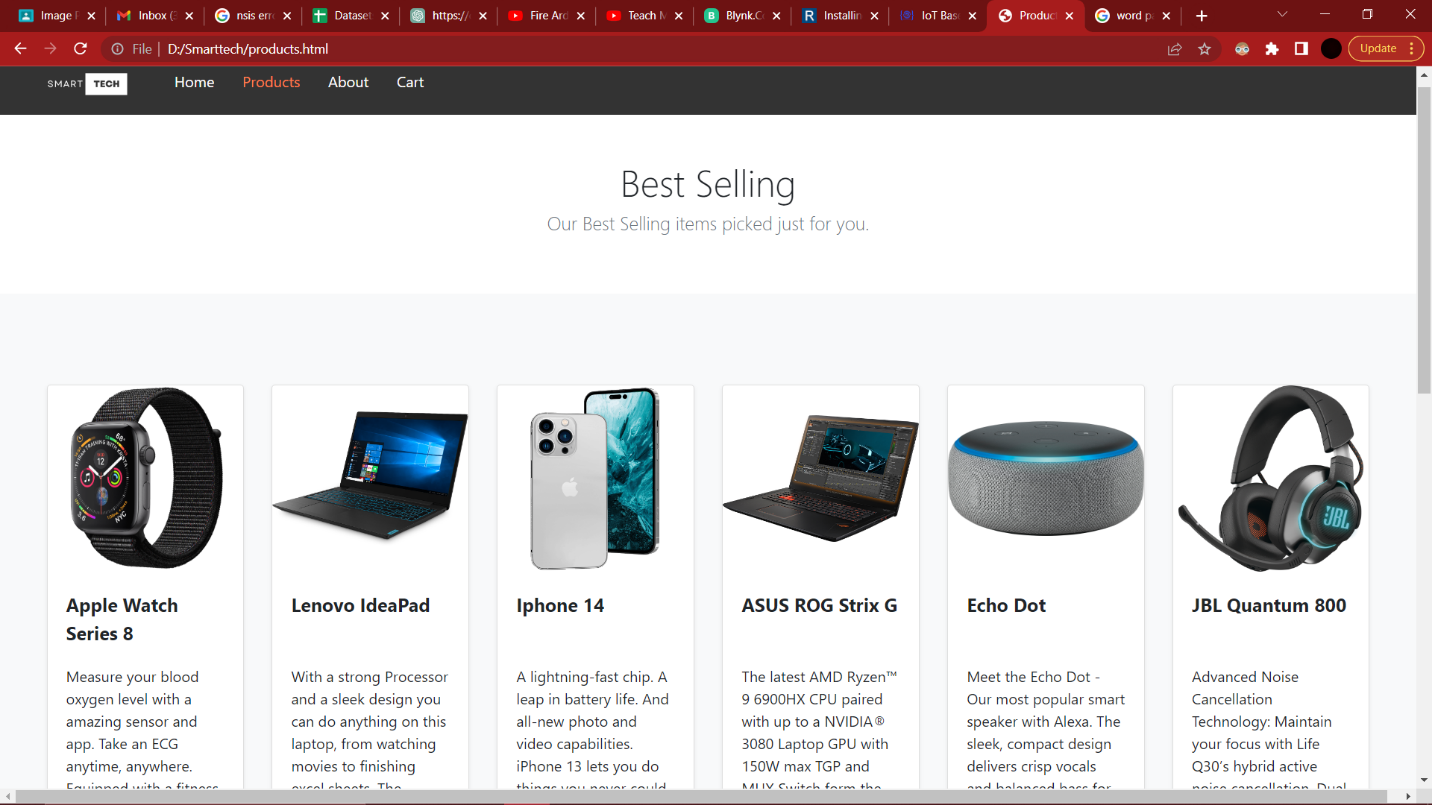
var cartItems = JSON.parse(localStorage.getItem('cart'));

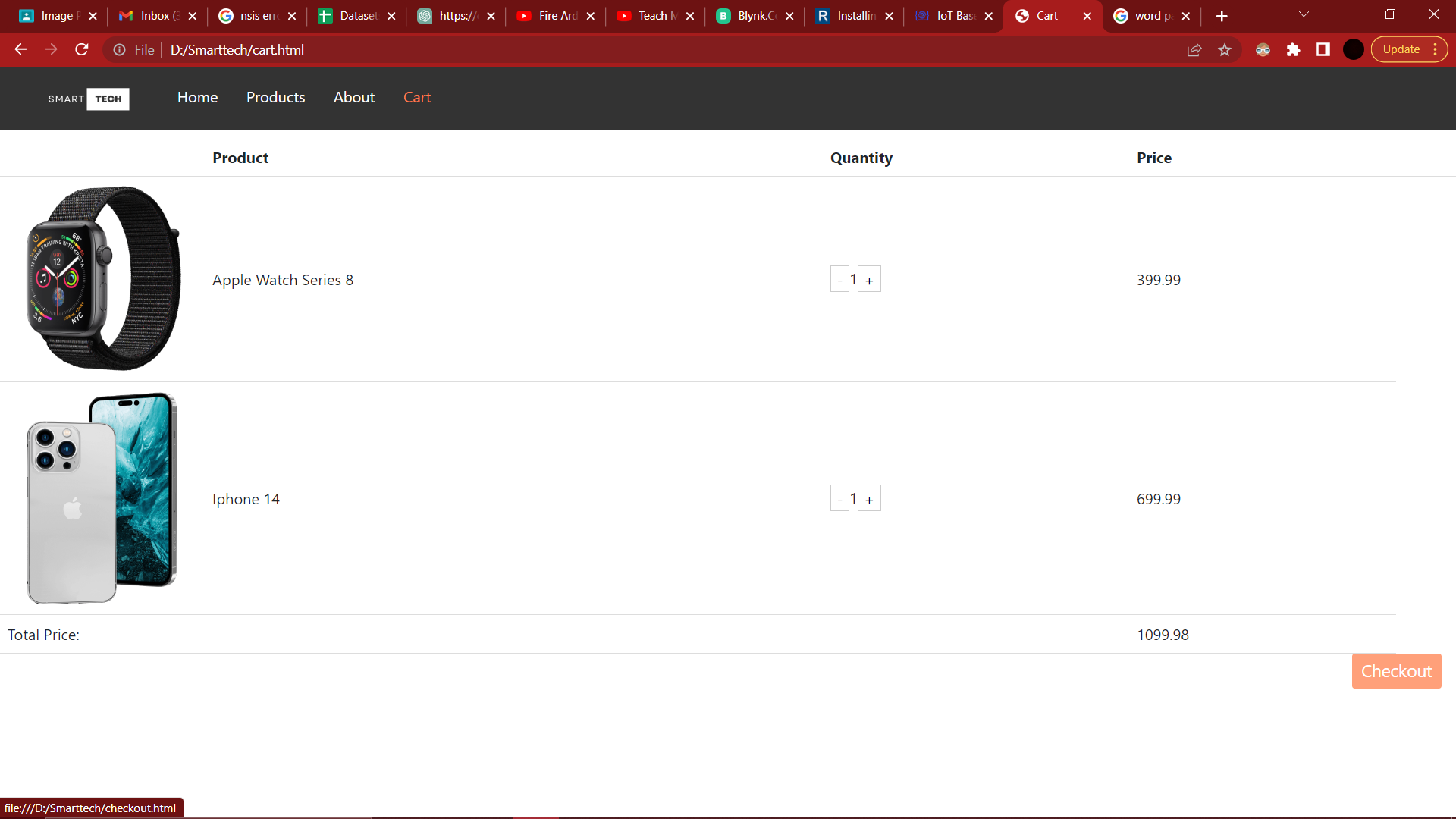
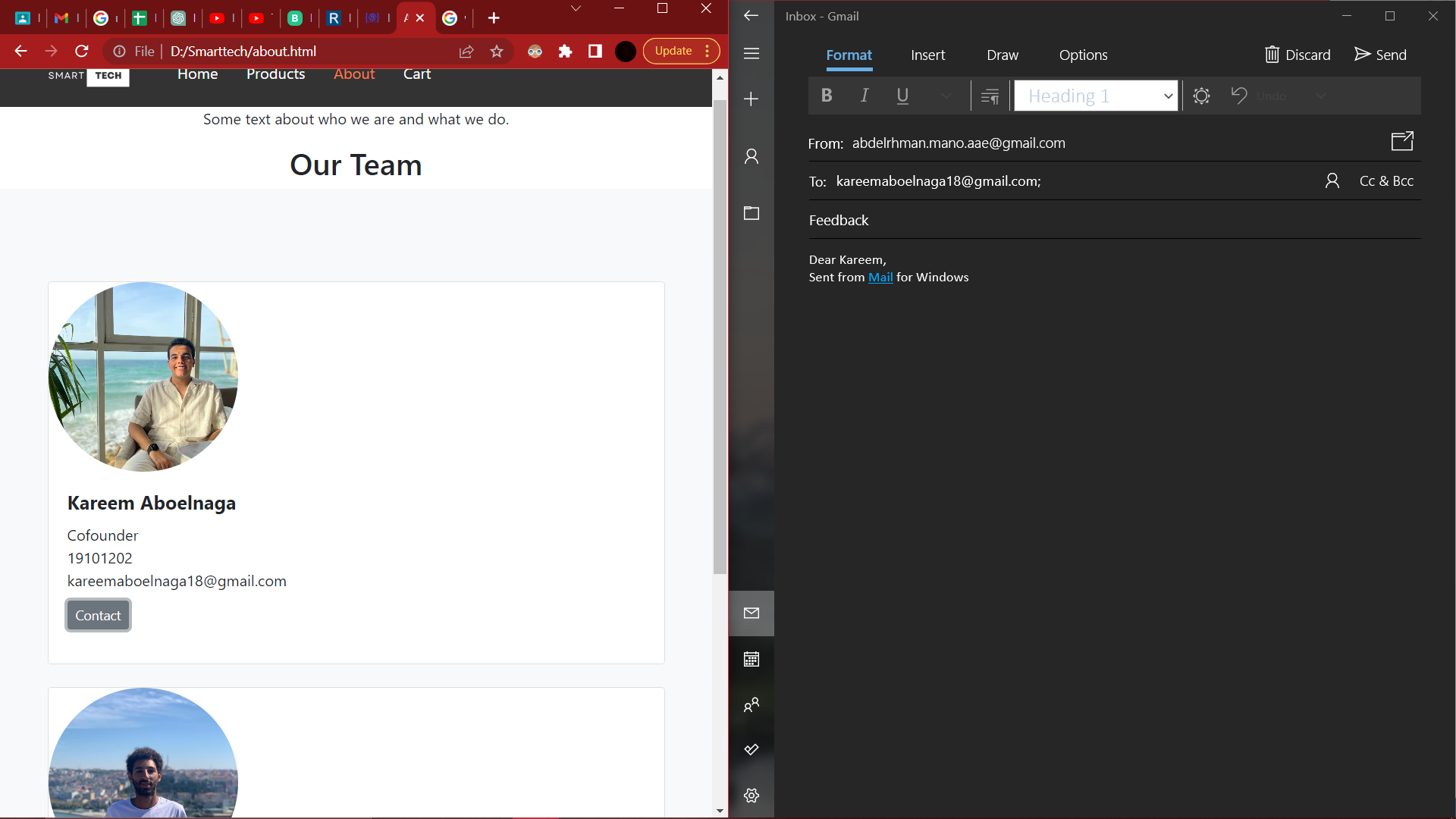
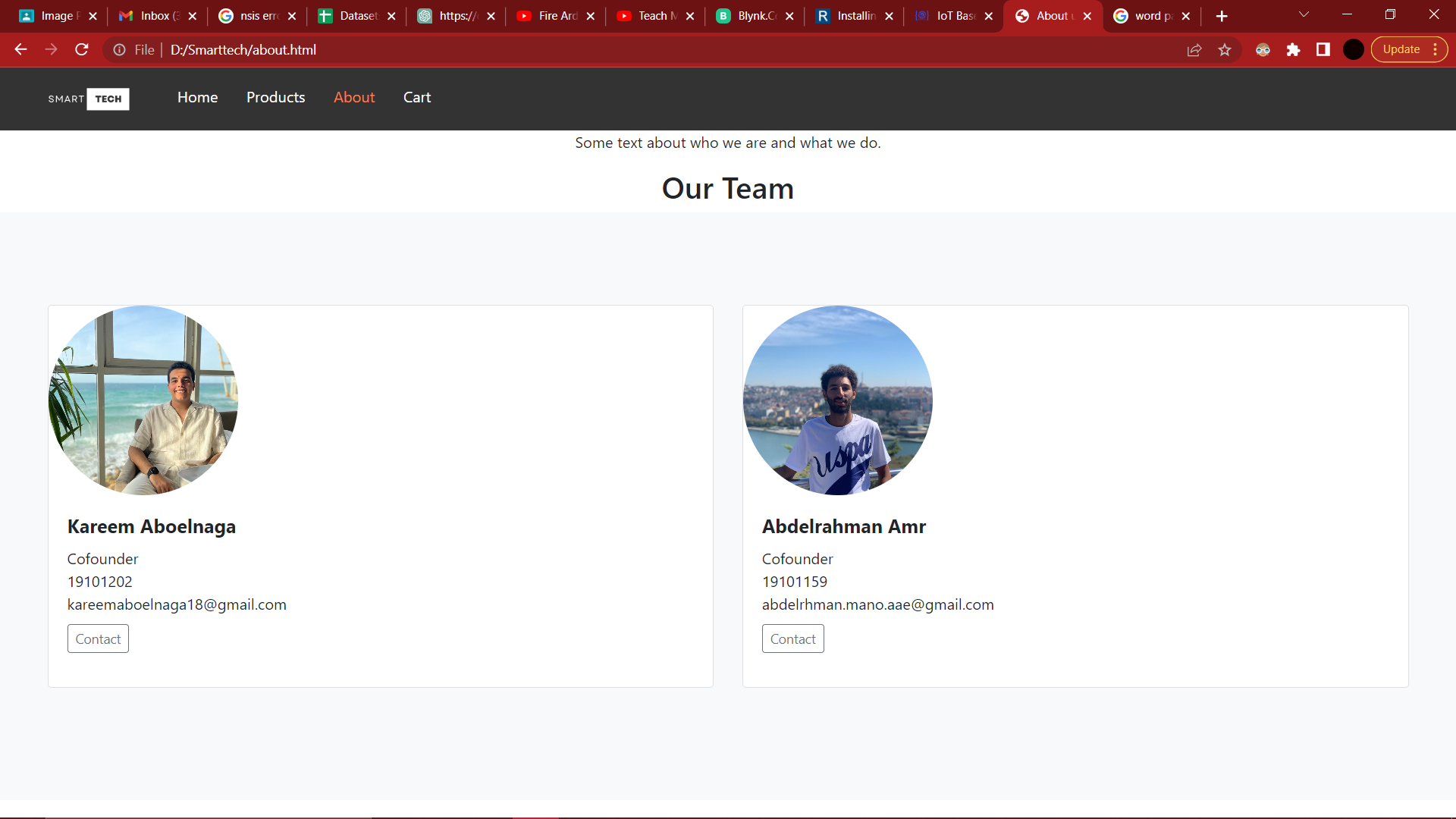
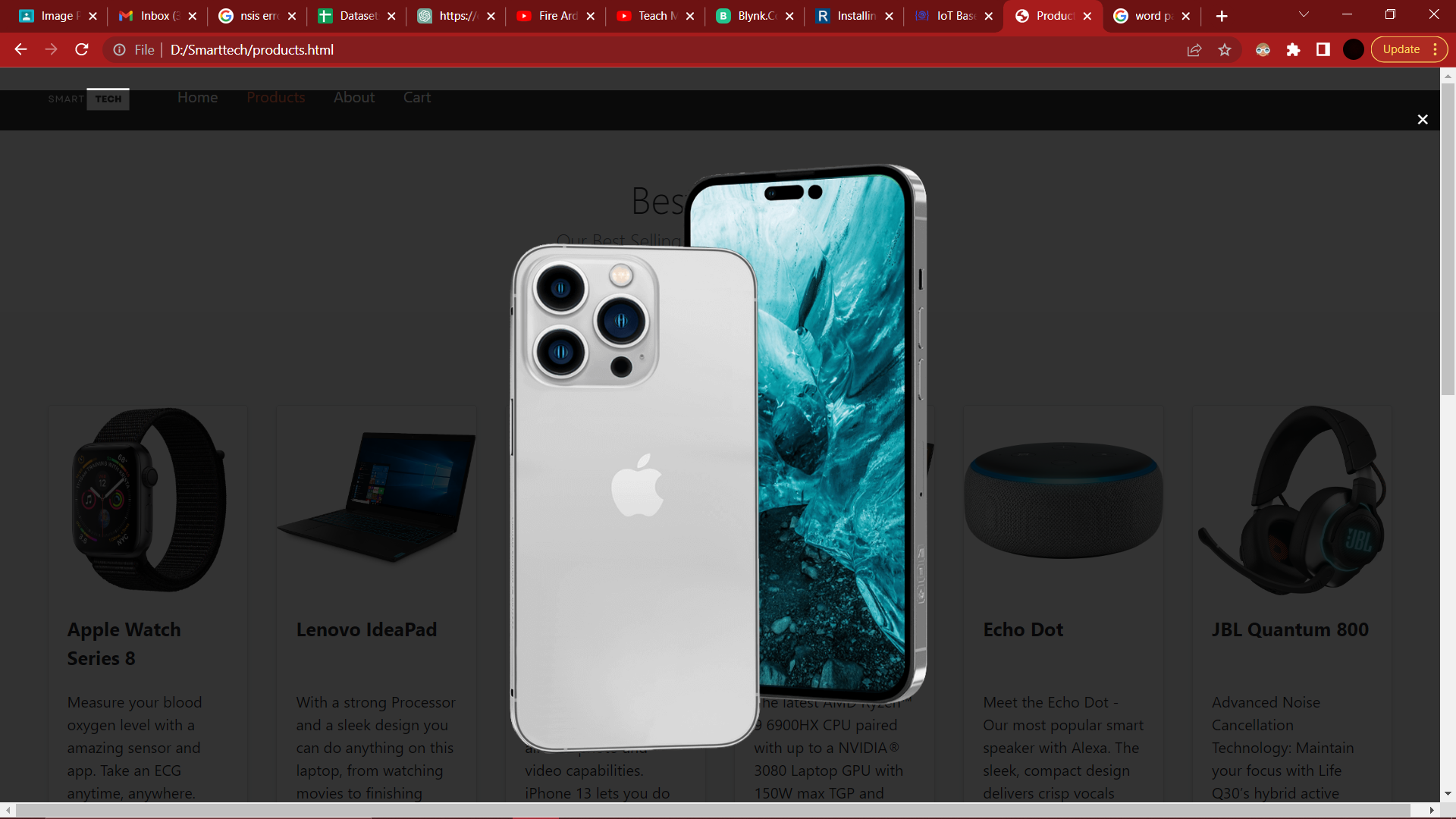
cartItems = [];

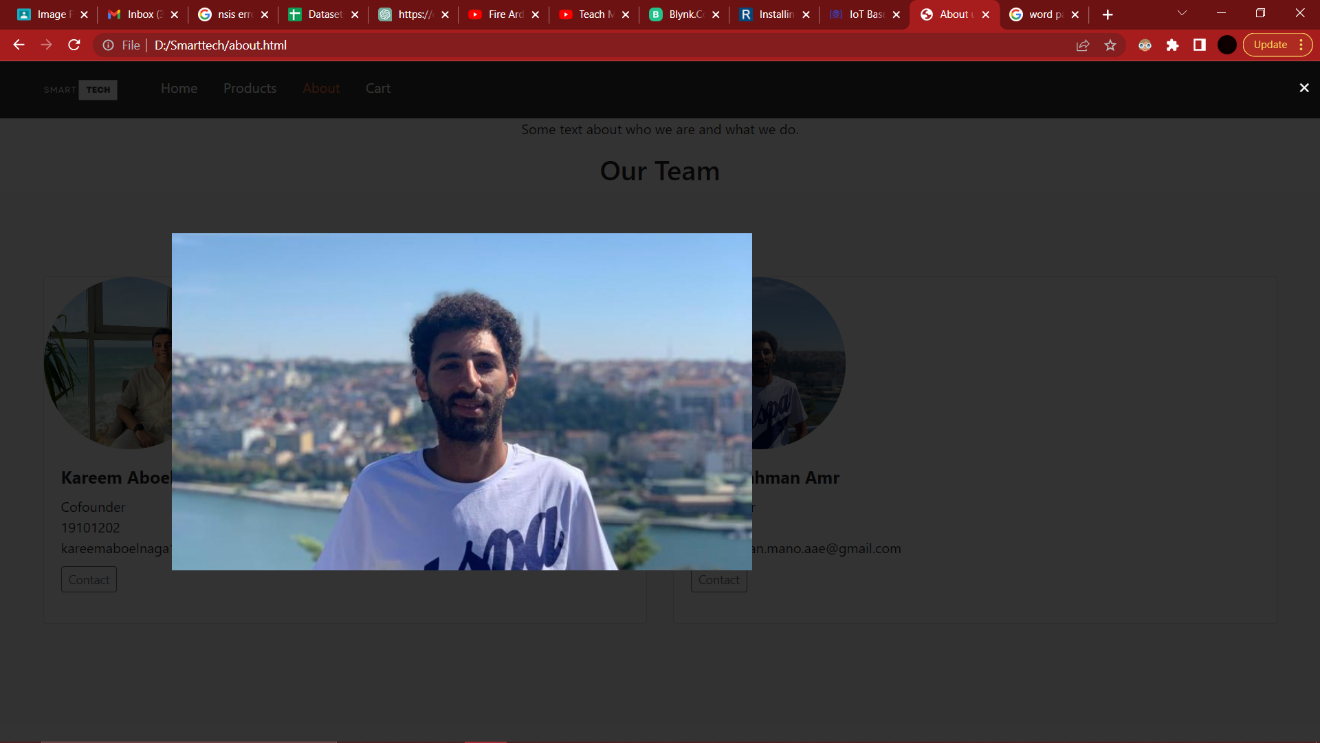
localStorage.setItem('cart', JSON.stringify(cartItems));

**Live Preview of the code:**

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