

**APPENDIX I**

**ECOMMERCE WEBSITE**

**PROJECT REPORT**

*Submitted by*

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*in partial fulfillment for the award of the degree  
of*

**Bachelor of Technology**

**IN**  
**Computer Science and Engineering**



**Lovely Professional University, Punjab**

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## Introduction

## Welcome to E-store

At E-store, you can get detail review of a product which is actively seen by many of the users.

# TECHNOLOGIES USED

Creating an e-commerce website like this involves utilizing a combination of technologies. In this case, HTML, CSS, and JavaScript serve as the foundational building blocks of the website, each contributing unique features and functionalities that enhance user experience.

### HTML (HyperText Markup Language)

HTML is the backbone of any website, providing the structure and semantic meaning to web content. In Gaming Sphere, HTML is used to create the layout of the site, including the homepage, product listings, and checkout pages. Key features include:

- **Semantic Elements:** Utilizing elements like <header>, <nav>, <section>, and <footer> helps improve the site's accessibility and SEO (Search Engine Optimization). This organization allows search engines to better understand the content and context of the page.
- **Forms and Inputs:** HTML forms are critical for user interactions, such as creating accounts, logging in, and processing purchases. By using various input types (e.g., text, email, number), the site ensures that user data is collected efficiently.
- **Multimedia Integration:** HTML supports embedding images, videos, and audio files, allowing Gaming Sphere to showcase game trailers, screenshots, and product details effectively.

### CSS (Cascading Style Sheets)

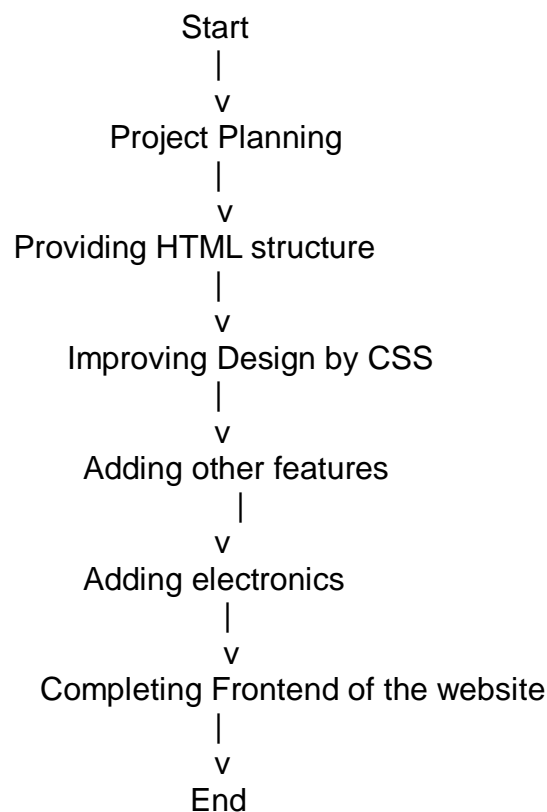
CSS is responsible for the presentation and layout of the website. It defines how HTML elements are displayed on the screen, enhancing the visual appeal and user experience. Key contributions of CSS in Gaming Sphere include:

- **Styling and Layout:** CSS is used to create visually appealing designs with custom fonts, colors, and spacing. The responsive design ensures that the website looks great on various devices, from desktops to smartphones.
- **Flexbox and Grid Systems:** These CSS features allow for flexible and responsive layouts. By using Flexbox for navigation and Grid for product

listings, the site adapts seamlessly to different screen sizes, providing an optimal browsing experience.

- **Animations and Transitions:** CSS enables subtle animations and transitions that enhance interactivity, such as hover effects on buttons and smooth loading animations, making the user experience more engaging

# WORKFLOW



## Code Snippet

# HTML PART:

## LOGIN PAGE:

```
<!DOCTYPE html>
<html>
<head>
    <title>Login - Electronics Shop</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
    <script src="script.js" defer></script>
</head>
<body>
    <div class="login-container">
        <h2>Login</h2>
        <form id="login-form">
            <input type="text" id="username"
placeholder="Username" required>
            <input type="password" id="password"
placeholder="Password" required>
<label for="profile-photo"><span style="color: rgb(255, 9,
9);">Profile:</span></label>
            <input style="margin-right: 85px;" type="file"
id="profile-photo" accept="image"><br>
            <br>
            <input type="submit" value="Login">
        </form>
        <div class="login-footer">
            <p>Don't have an account? <a
href="index.html">Click here</a></p>
        </div>
    </div>
</body>
</html>
```

## INDEX PAGE:

```
<!DOCTYPE html>
<html>
<head>
    <title>Home - Electronics Shop</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
    <script src="script.js" defer></script>
</head>
<body>
    <header>
        <div class="header-content">
            <h1>E-store</h1>
            <nav>
```

```

        <ul>
            <li><a href="index.html">Home</a></li>
            <li><a href="aboutus.html">About
us</a></li>
            <li class="profile">
                <img id="profile-image" alt="User
Photo" class="profile-image">
                <span class="profile-name"
id="profile-name">User Name</span>
            </li>
        </ul>
    </nav>
</div>
</header>

<div class="product-list">
    <div class="product-item">
        <a href="product1.html">
            
            iQOO Z9 Lite 5G </a>
            <p>iQOO Z9 Lite 5G (Aqua Flow, 4GB RAM, 128GB
Storage) | Dimensity 6300 5G | 50MP Sony AI Camera | PROCESSOR
: Powered by MediaTek Dimensity 6300 5G with 414,564 AnTuTu
Score, 2.4Hz Clock Speed and Octa-core CPU architecture </p>

        </div>

        <div class="product-item">
            
            <a href="product2.html">realme NARZO 70 Turbo
5G</a>
            <p>realme NARZO 70 Turbo 5G (Turbo Yellow, 6GB
RAM, 128GB Storage) | Segment's Fastest Dimensity 7300 Energy
5G Chipset | Motorsports Inspired Design | Dimensity 7300
Energy 5G Chipset, Fastest chipset in this segment</p>
        </div>

        <div class="product-item">
            
            <a href="product3.html">Redmi Note 13 5G</a>
            <p>Redmi Note 13 5G (Chromatic Purple, 6GB RAM,
128GB Storage) | Display: 6.67" FHD+ pOLED (1080x2400) Ultra-
narrow bezels Display with 120Hz Refresh rate; 1000nits peak
brightness; Corning Gorilla Glass 5 Display Protection</p>
        </div>

        <div class="product-item">
            
            <a href="product4.html">Samsung Galaxy M55s 5G</a>

```

```
                <p>Samsung Galaxy M55s 5G (Coral Green,8GB
RAM,128GB Storage) | 50MP Triple Cam| 5000mAh Battery|
Snapdragon 7 Gen 1 | 4 Gen. OS Upgrade & 5 Year Security
Update| Super AMOLED+ Display| Without Charger</p>
            </div>
```

```
</body>
</html>
```

## PRODUCT PAGE:

```
<!DOCTYPE html>
<html>
<head>
    <title>Product</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
</head>
<body>
    <header>
        <div class="header-content">
            <h1>E-Shop</h1>
        </div>
    </header>
    <div class="product-container">
        <div class="product-image">
            
        </div>
        <div class="product-details">
            <h2>iQOO Z9 Lite 5G</h2>
            <h3>Price: ₹14,599</h3>
            <a href="https://www.flipkart.com/iqoo-z9-lite-5g-
aqua-flow-128-
gb/p/itm33918a61f0bb6?pid=MOBH3FDDKSZPCP8Y&lid=LSTMOBH3FDDKSZP
CP8YOKEKMP&marketplace=FLIPKART"><button class="buy-
button">Buy Now</button></a>
            <h2>Benchmarks</h2>
            
        </div>
    </div>
    <div class="reviews-container">
        <h2>Reviews</h2>
        <div class="youtube-review">
            <iframe width="560" height="315"
src="https://www.youtube.com/embed/7CFzsT0gmKE?si=WV4GX1tUJJlP
C0Nn" title="YouTube video player" frameborder="0"
allow="accelerometer; autoplay; clipboard-write; encrypted-
media; gyroscope; picture-in-picture; web-share"
referrerpolicy="strict-origin-when-cross-origin"
allowfullscreen></iframe>
```

```

    </div>
    <div class="twitter-reviews">
        <h3>User Reviews</h3>
        
    </div>

    <h2 style="color: red;">Mobile with Similar
Benchmarks</h2>
    <a href="https://www.flipkart.com/motorola-g62-5g-
frosted-blue-128-gb/p/itm914ff5c9b9aaf">Moto G62 5G</a><br>

<a href="https://www.flipkart.com/realme-narzo-70x-5g-forest-
green-128-gb/p/itm4ef66169ea11b">Realme Narzo 70X 5G</a>

</div>
</body>
</html>

```

## ABOUT US PAGE:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Contact us</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            color: #333;
            line-height: 1.6;
            margin: 0;
            padding: 20px;
        }
        .container {
            max-width: 800px;
            margin: auto;
            background: white;
            padding: 20px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }
    </style>
</head>
<body>
    <div class="container">
        <h2>Contact Us</h2>
        <p>We are happy to hear from you. Please contact us at the
following details:</p>
        <div class="contact-info">
            <p>Address: 123 Main Street, New York, NY 10001</p>
            <p>Phone: +1 (212) 555-1234</p>
            <p>Email: info@company.com</p>
        </div>
        <p>Thank you for your interest in our products and services.</p>
    </div>
</body>
</html>

```



```

    }
    h1, h2 {
        color: #444;
    }
    .contact {
        margin-bottom: 20px;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Contact Us</h1>
        <div class="contact">
            <p>Phone: 8332839277</p>
            <p>Email: <a
href="mailto:saikrishnavelicheti17@gmail.com">saikrishnavelich
eti17@gmail.com</a></p>
        </div>
        <h2>Copyright Notice</h2>
        <p>&copy; 2024 eStore. All rights reserved.</p>
        <p>This website and its content is the property of
eStore. Unauthorized use and/or duplication of this material
without express and written permission from this site's author
and/or owner is strictly prohibited. Excerpts and links may be
used, provided that full and clear credit is given to eStore
with appropriate and specific direction to the original
content.</p>
        <p>All trademarks, service marks, trade names, and
logos appearing on the site are the property of eStore. Any
reproduction or use of any of the contents of this site, other
than for individual and private use, without the permission of
eStore, is prohibited.</p>
    </div>
</body>
</html>

```

## CSS PART:

```

body {
    font-family: Arial, sans-serif;
    background-color: #ecec;
    margin: 0;
    padding: 0;
    text-align: center;
}
header {
    background-color: #e9e9e9;
    color: rgb(0, 0, 0);
    padding: 15px 0;
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    position: sticky;

```

```

        top: 0;
        z-index: 1000;
    }
    .header-content {
        display: flex;
        justify-content: space-between;
        align-items: center;
        width: 90%;
        max-width: 1200px;
        margin: 0 auto;
    }
    .header-content h1 {
        margin: 0;
        font-size: 24px;
    }
    nav ul {
        list-style-type: none;
        padding: 0;
        margin: 0;
        display: flex;
        align-items: center;
    }
    nav ul li {
        margin: 0 15px;
    }
    nav ul li a {
        color: rgb(227, 10, 10);
        text-decoration: none;
        font-weight: bold;
    }
    nav ul li a:hover {
        color: #f3084b;
    }
    .profile {
        display: flex;
        align-items: center;
        margin-left: auto;
    }
    .profile-image {
        width: 40px;
        height: 40px;
        border-radius: 50%;
        margin-right: 10px;
    }
    .profile-name {
        color: rgb(230, 15, 15);
        font-weight: bold;
    }
    .product-container {
        display: flex;

```

```

    flex-direction: column;
    justify-content: center;
    align-items: center;
    padding: 20px;
    background: rgb(0, 0, 0);
    margin: 20px auto;
    width: 80%;
    border-radius: 10px;
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}
.product-image img {
    width: 100%;
    height: auto;
    border-radius: 10px;
}
.product-details {
    text-align: center;
    margin-top: 20px;
}
.product-details h2 {
    color: #ef0c0c;
    margin-bottom: 10px;
}
.product-details p {
    color: #f70000;
    margin-bottom: 10px;
}
.product-details h3 {
    color: #ee0808;
    margin-bottom: 10px;
}
.buy-button {
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    background-color: #eb0c0c;
    color: rgb(0, 0, 0);
    cursor: pointer;
}
.buy-button:hover {
    background-color: #c2d1c6;
}
.reviews-container {
    background: rgb(0, 0, 0);
    padding: 20px;
    margin: 20px auto;
    width: 80%;
    border-radius: 10px;
    box-shadow: 0 2px 5px rgba(196, 189, 189, 0.1);
}
.youtube-review {

```

```

        margin: 20px 0;
    }
    .twitter-reviews {
        margin: 20px 0;
    }
    .twitter-tweet {
        width: 100%;
        margin-bottom: 10px;
    }
    .login-container {
        background-color: rgba(236, 236, 236, 0.377);
        border-radius: 10px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        padding: 30px;
        max-width: 400px;
        margin: 100px auto;
        text-align: center;
    }
    .login-container h2 {
        color: #e10e0e;
        margin-bottom: 20px;
    }
    .login-container input[type="text"],
    .login-container input[type="password"] {
        width: 100%;
        padding: 10px;
        margin: 10px 0;
        border: 1px solid #ccc;
        border-radius: 5px;
    }
    .login-container input[type="submit"] {
        background-color: #000000;
        color: rgb(240, 3, 3);
        border: none;
        padding: 10px 20px;
        border-radius: 5px;
        cursor: pointer;
    }
    .login-container input[type="submit"]:hover {
        background-color: #000000;
    }
    .login-footer {
        margin-top: 20px;
    }
    .login-footer a {
        color: #e80d0d;
        text-decoration: none;
    }
    .login-footer a:hover {
        text-decoration: underline;
    }

```

```

.product-list {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-around;
    padding: 20px;
}
.product-item {
    background: rgb(0, 0, 0);
    border: 1px solid #ccc;
    border-radius: 10px;
    padding: 20px;
    margin: 10px;
    width: 200px;
    text-align: center;
    display: block;
}
.product-item img {
    width: 100%;
    height: auto;
    border-radius: 5px;
    margin-bottom: 10px;
}
.product-item a {
    text-decoration: none;
    color: #e81010;
    font-weight: bold;
    display: block;
    margin: 10px 0;
}
.product-item a:hover {
    color: #ff0000;
}
p{
    color: #e81010;
}
h3{
    color: #e10e0e;
}

```

## JAVASCRIPT:

```

document.addEventListener('DOMContentLoaded', function() {
    var loginForm = document.getElementById('login-form');
    if (loginForm) {
        loginForm.addEventListener('submit', function(event) {
            event.preventDefault();
            var username =
document.getElementById('username').value;

```

```

        var profilePhoto =
document.getElementById('profile-photo').files[0];

        var reader = new FileReader();
        reader.onloadend = function() {
            localStorage.setItem('username', username);
            localStorage.setItem('profilePhoto',
reader.result);
            window.location.href = 'index.html';
        }
        reader.readAsDataURL(profilePhoto);
    });
}

    var profileName = document.getElementById('profile-name');
    var profileImage = document.getElementById('profile-
image');
    if (profileName && profileImage) {
        var username = localStorage.getItem('username');
        var profilePhoto =
localStorage.getItem('profilePhoto');
        if (username) {
            profileName.textContent = username;
        }
        if (profilePhoto) {
            profileImage.src = profilePhoto;
        }
    }
});

```

**FINAL OUTPUT:**

## Login page:

Login

Username

Password

Profile: 

Choose File


 No file chosen


Login

[Don't have an account? Click here](#)

## Index page:


E-store

[Home](#) [About us](#)  skv




iQOO Z9 Lite 5G

iQOO Z9 Lite 5G (Aqua Flow, 4GB RAM, 128GB Storage) | Dimensity 6300 5G | 50MP Sony AI Camera | PROCESSOR : Powered by MediaTek Dimensity 6300 5G with 414,564 AnTuTu Score, 2.4Hz Clock Speed and Octa-core CPU architecture




realme NARZO 70 Turbo 5G

realme NARZO 70 Turbo 5G (Turbo Yellow, 8GB RAM, 128GB Storage) | Segment's Fastest Dimensity 7300 Energy 5G Chipset | Motorsports Inspired Design | Dimensity 7300 Energy 5G Chipset, Fastest chipset in this segment



Redmi Note 13 5G

Redmi Note 13 5G (Chromatic Purple, 6GB RAM, 128GB Storage) | Display: 6.67" FHD+ pOLED (1080x2400) Ultra-narrow bezels Display with 120Hz Refresh rate; 1000nits peak brightness; Corning Gorilla Glass 5 Display Protection



Samsung Galaxy M55s 5G

Samsung Galaxy M55s 5G (Coral Green, 8GB RAM, 128GB Storage) | 50MP Triple Cam | 5000mAh Battery | Snapdragon 7 Gen 1 | 4 Gen. OS Upgrade & 5 Year Security Update | Super AMOLED+ Display | Without Charger

# About us page:

## Contact Us

Phone: 8332839277

Email: [saikrishnavelicheti17@gmail.com](mailto:saikrishnavelicheti17@gmail.com)

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# Product page:

EShop



realme NARZO 70 Turbo 5G

Price: ₹18,999

[View Now](#)

Benchmarks

| Model                    | Geekbench 6 | Geekbench 6 | Geekbench 6 |
|--------------------------|-------------|-------------|-------------|
| Realme Narzo 70 Turbo 5G | 1,100       | 1,100       | 1,100       |
| Realme Narzo 70          | 1,000       | 1,000       | 1,000       |
| Realme Narzo 70 Pro      | 1,200       | 1,200       | 1,200       |
| Realme Narzo 70 Ultra    | 1,300       | 1,300       | 1,300       |



User Reviews



Mobiles with Similar Benchmarks

POCO F4 Pro 5G  
Samsung Galaxy S23



# CONCLUSION

This website's theme is to provide the best insight on a product by displaying the best and genuine reviews.

## REFERENCES

### 2. W3Schools:

- W3Schools is another excellent resource for web development tutorials and references. It served as a handy guide for learning and implementing different web technologies. The tutorials on CSS layouts, JavaScript functions, and form handling were especially useful in building the features of Gaming Sphere. W3Schools' interactive examples allowed for quick experimentation and practical understanding of code snippets, which greatly facilitated the development process.

### 3. Copilot:

- Copilot was utilized as a supplementary tool for brainstorming ideas and generating content for the website. It provided assistance in crafting user-friendly descriptions, structuring content, and refining website features. The ability to quickly obtain information and suggestions helped streamline the writing process, making it easier to create engaging text for product descriptions and other sections of the site.

These references collectively contributed to the successful development of E-store, providing the necessary knowledge and tools to create a functional and appealing website for gamers. The combination of detailed documentation, practical tutorials, and AI assistance ensured a well-rounded approach to the project.