

EEI3346

MINI PROJECT DOCUMENTATION



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WD – G4

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Introduction

My Hobbies Web Page is a website that showcases my various hobbies, interests, and passions. The website is designed to be visually appealing and user-friendly, allowing visitors to easily navigate and explore my hobbies. This document will provide an overview of the features and functionality of the Hobbies Web Page.

Front Page

The front page of the hobbies website features a banner showcasing the website's branding and a navigation menu with links to various pages such as "Home", "About", "Documentation", and "Contact". The "Home" page has a welcome message, while the "About" page provides information about the website and me.

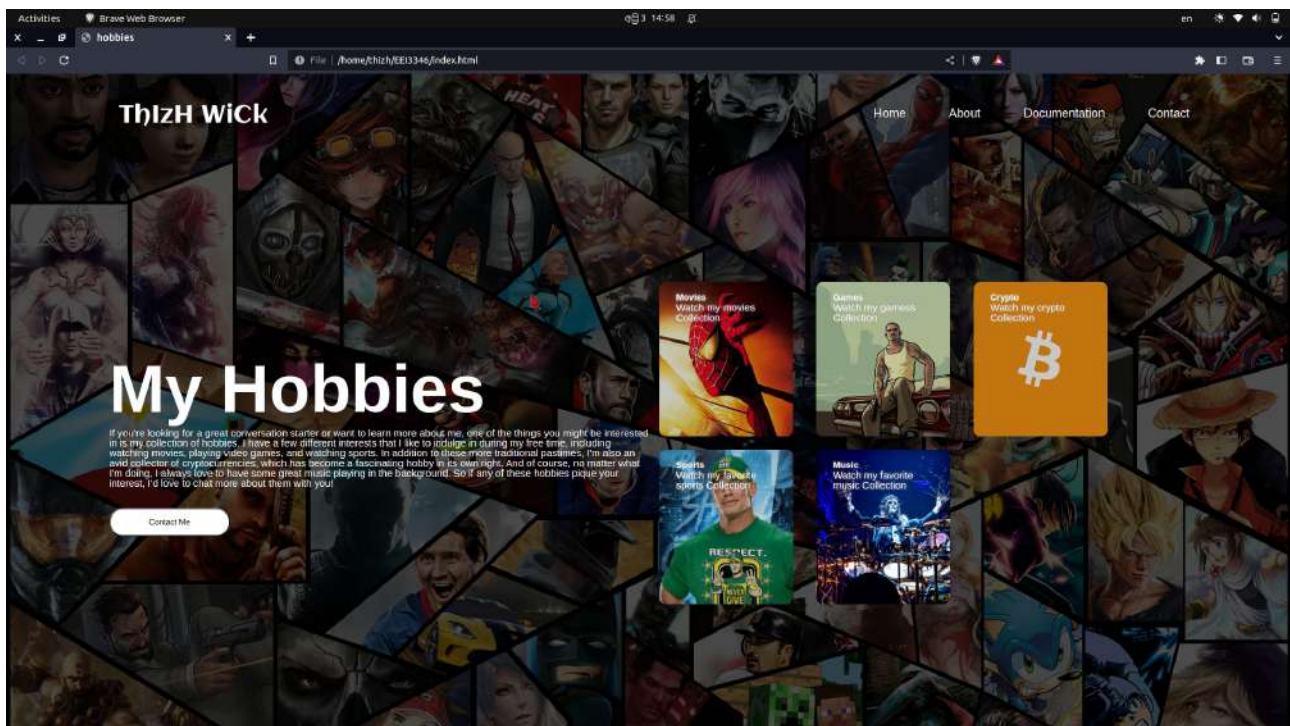


Figure 01: Front Page

Problems

I got lots of error while making this website, but I was able to search internet and find solution for the problem. I have faced sub-problems such as:

- Limited visibility for hobbies and interests.
- Limited opportunities for feedback and engagement.

Solution Approach

To solve the identified sub-problems, the following approaches were taken:

- Feature detailed descriptions and images of each hobby that I have.
- A "Contact" page was added to enable visitors to connect with the me and provide feedback.
- A Comment Section added to every page to show your feedback about my hobbies.

Architectural diagram of the system

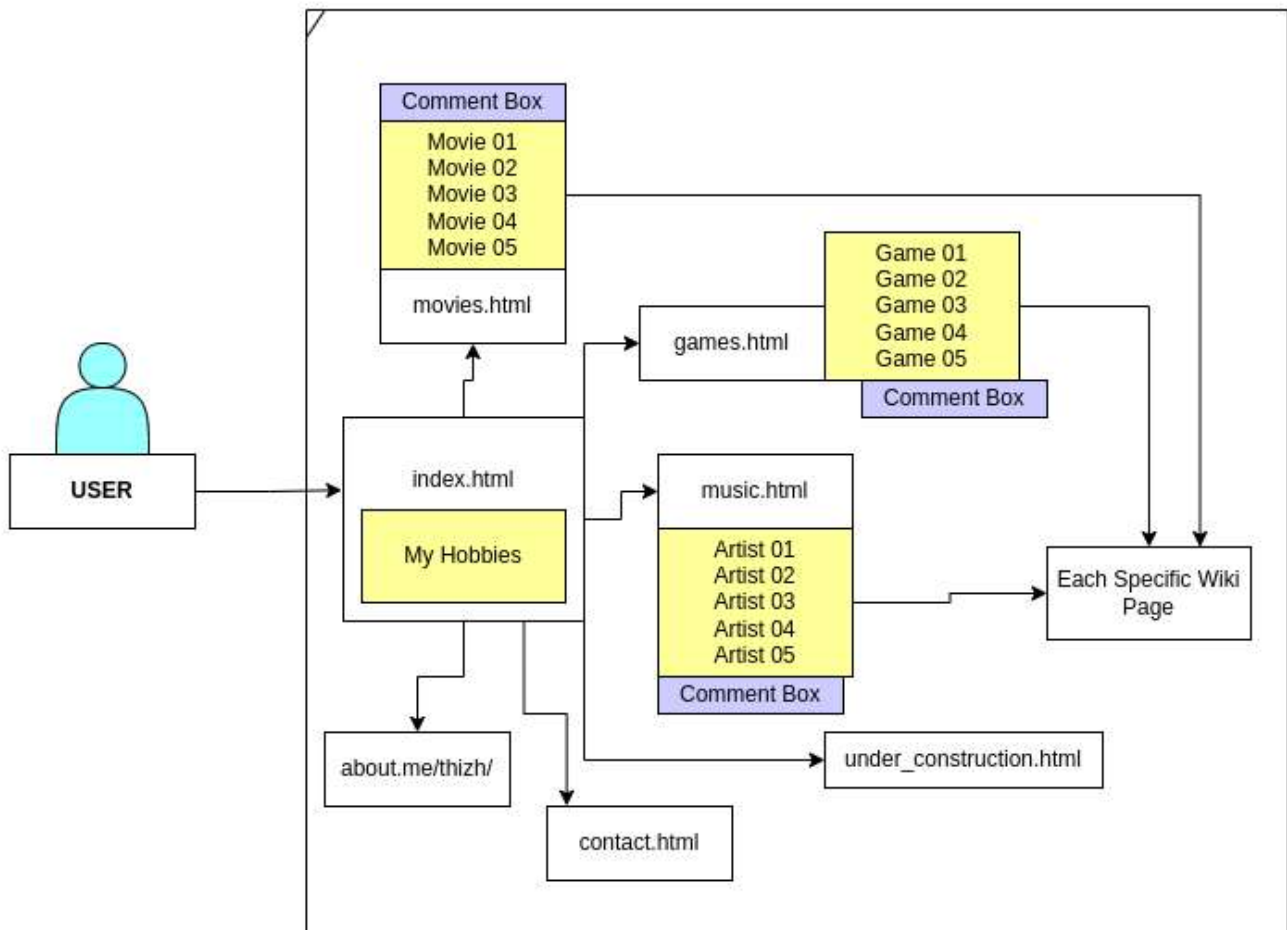


Figure 02: Architectural diagram of the system

Site Map

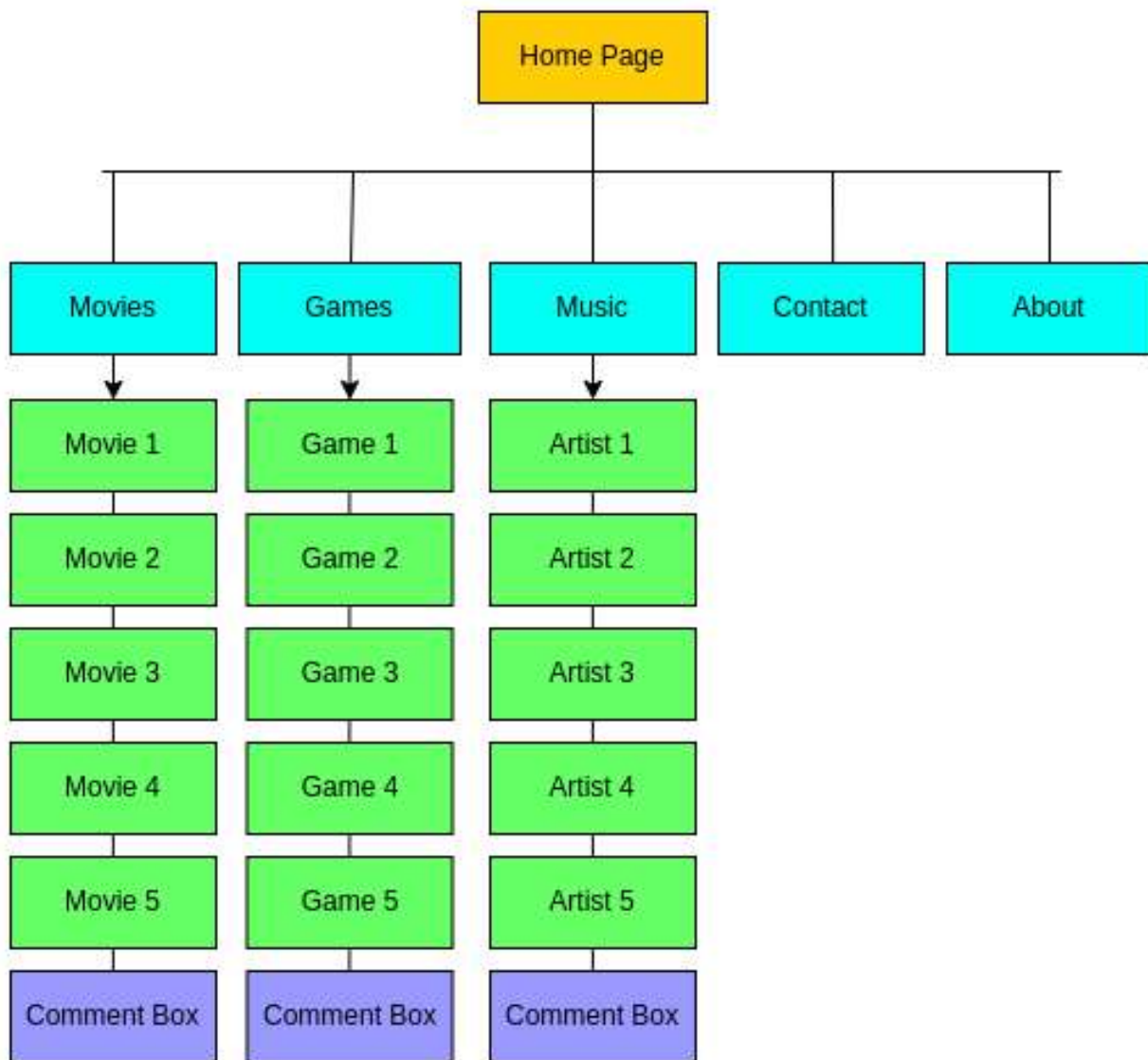


Figure 03: Site Map of the system

Used web technologies

The following web technologies were used to implement my website:

- HTML
- CSS
- JavaScript
- VueJS

Examples:

HTML code for Front Page:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>hobbies</title>
<link rel="stylesheet" href="style.css">
</head>
<body style="background-image: url(/images/background.png)">
<div class="container">
<div class="navbar">

<nav>
<ul>
<li><a href="index.html">Home</a></li>
<li><a href="https://about.me/thizh/">About</a></li>
<li><a href="miniprojectdoc.pdf">Documentation</a></li>
<li><a href="contact.html">Contact</a></li>
</ul>
</nav>
</div>
<div class="row">
<div class="col">
<h1>My Hobbies</h1>
<p>If you're looking for a great conversation starter or want to learn more
about me, one of the things you might be interested in is my collection of
hobbies. I have a few different interests that I like to indulge in during my
free time, including watching movies, playing video games, and watching sports.
In addition to these more traditional pastimes, I'm also an avid collector of
cryptocurrencies, which has become a fascinating hobby in its own right. And of
course, no matter what I'm doing, I always love to have some great music
```

```

playing in the background. So if any of these hobbies pique your interest, I'd
love to chat more about them with you!</p>
<a href="contact.html"><button type="button">Contact Me</button></a>
</div>
<div class="col">
<a href="movies.html" target="_blank">
<div class="card card1">
<h5>Movies</h5>
<p>Watch my movies <br>Collection</p>
</div>
</a>
<a href="games.html" target="_blank">
<div class="card card2">
<h5 color="yellow">Games</h5>
<p>Watch my gamess Collection</p>
</div>
</a>
<a href="under_construction.html" target="_blank">
<div class="card card3">
<h5>Crypto</h5>
<p>Watch my crypto Collection</p>
</div>
</a>
<a href="under_construction.html" target="_blank">
<div class="card card4">
<h5>Sports</h5>
<p>Watch my favorite sports Collection</p>
</div>
</a>
<a href="music.html" target="_blank">
<div class="card card5">
<h5>Music</h5>
<p>Watch my favorite music Collection</p>
</div>
</a>
</div>
</div>
</div>
</div>
</body>
</html>

```

CSS code for the front page

```

* {
margin: 0;
padding: 0;
font-family: 'Roboto', sans-serif;
}

.container {
width: 100%;
height: 100vh;
background-image: linear-gradient(rgba(0,0,0,0.7), rgba(0,0,0,0.7)),
url(../images/background.jpg);
background-position: center;
background-size: cover;

```



```

padding-left: 8%;
padding-right: 8%;
box-sizing: border-box;
}

.navbar {
height: 12%;
display: flex;
align-items: center;
}

.logo {
width: 250px;
cursor: pointer;
}

nav {
flex: 1;
text-align: right;
}

nav ul li {
list-style: none;
display: inline;
margin-left: 60px;
}

nav ul li a {
text-decoration: none;
color: #fff;
font-size: 18px;
}

.row {
display: flex;
height: 88%;
align-items: center;
}

.col {
flex-basis: 50%;
}

h1 {
color: #fff;
font-size: 100px;
}

p {
color: #fff;
font-size: 15px;
line-height: 15px;
}

button {
width: 180px;
color: #000;
font-size: 12px;
padding: 12px 0;
}

```

```
background: #fff;
border-radius: 20px;
outline: none;
margin-top: 30px;
}

.card {
width: 200px;
height: 230px;
display: inline-block;
border-radius: 10px;
padding: 15px 25px;
box-sizing: border-box;
cursor: pointer;
margin: 10px 15px;
background-position: center;
background-size: cover;
transition: transform 0.5s;
}

.card1 {
background-image: url(./images/pic1.jpg);
}

.card2 {
background-image: url(./images/pic2.jpg);
}

.card3 {
background-image: url(./images/pic3.jpg);
}

.card4 {
background-image: url(./images/pic4.jpg);
}

.card5 {
background-image: url(./images/pic5.jpg);
}

.card:hover {
transform: translateY(-10px);
}

h5 {
color: #fff;
text-shadow: 0 0 5px #999;
}

.card p {
text-shadow: 0 0 5px #999;
font-size: 8;
}
```

VueJS Comment box

```
new Vue({
  el: '#app',
  data: {
    name: '',
    comment: '',
    comments: []
  },
  methods: {
    addComment() {
      const newComment = {
        id: Date.now(),
        name: this.name,
        comment: this.comment
      };
      this.comments.push(newComment);
      this.name = '';
      this.comment = '';
    }
  }
});
```

Test Results:

The following test cases were performed on my Web Page:

- Navigation test: Ensure that all links on the website's navigation menu work correctly.
- Comment box test: Submit a comment through the website's comment box and ensure that it shows name and the comment of commenter..
- Page test: Navigate to each page on the website and ensure that all information and media is displayed correctly.
- Responsive test: The website was tested on various devices with different screen sizes to ensure it is responsive and mobile-friendly.

Screenshots of Test Cases:

Navigation test:

When click Documentation tag in the navigation bar it should download or open the documentation.pdf

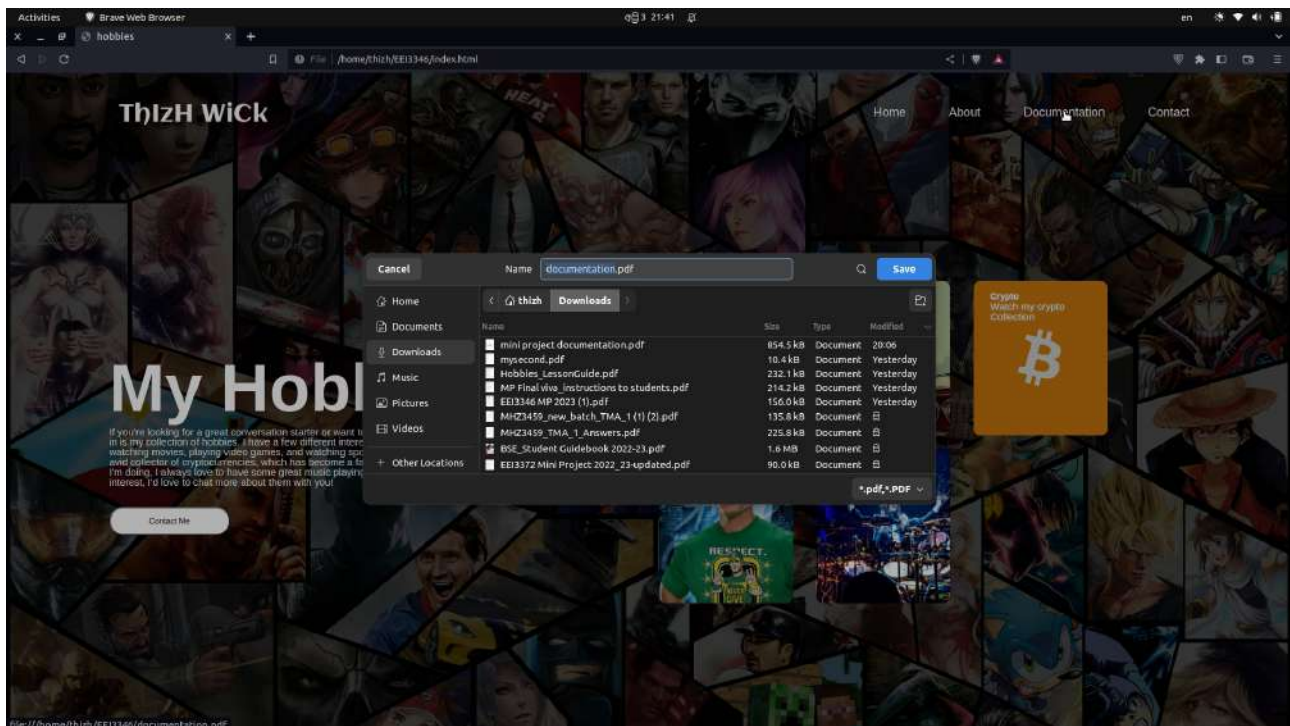


Figure 04: Navigation test

Commet box test:

When Comment something in the box it should display in right side of the web page.

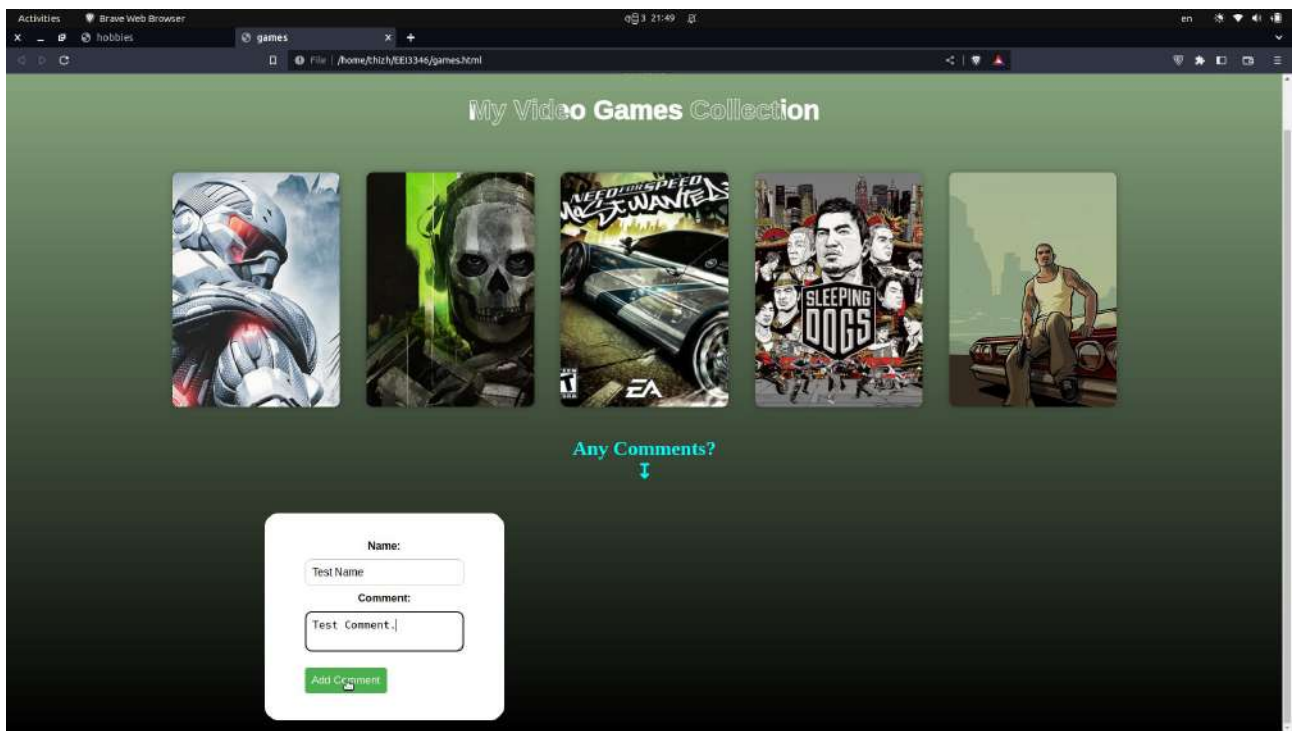


Figure 05: Before click Add Comment

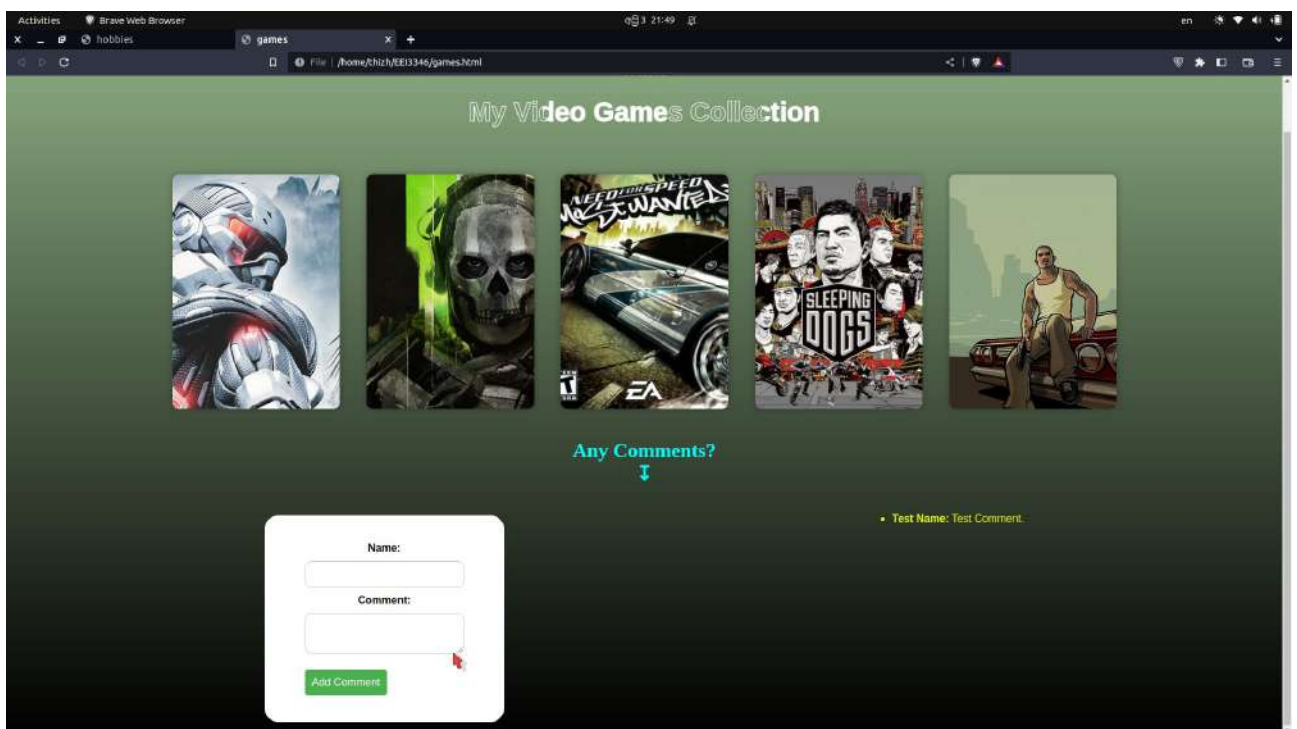


Figure 06: After click Add Comment

Page test:

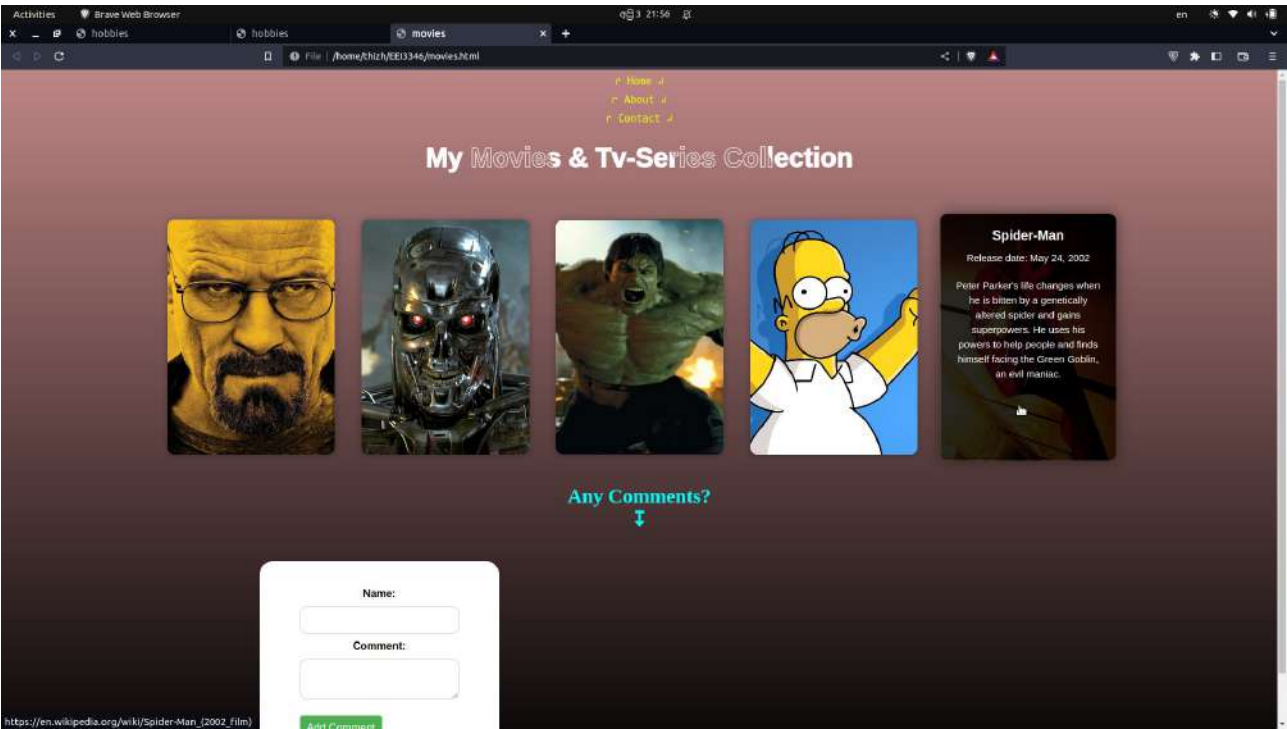


Figure 07: movies.html

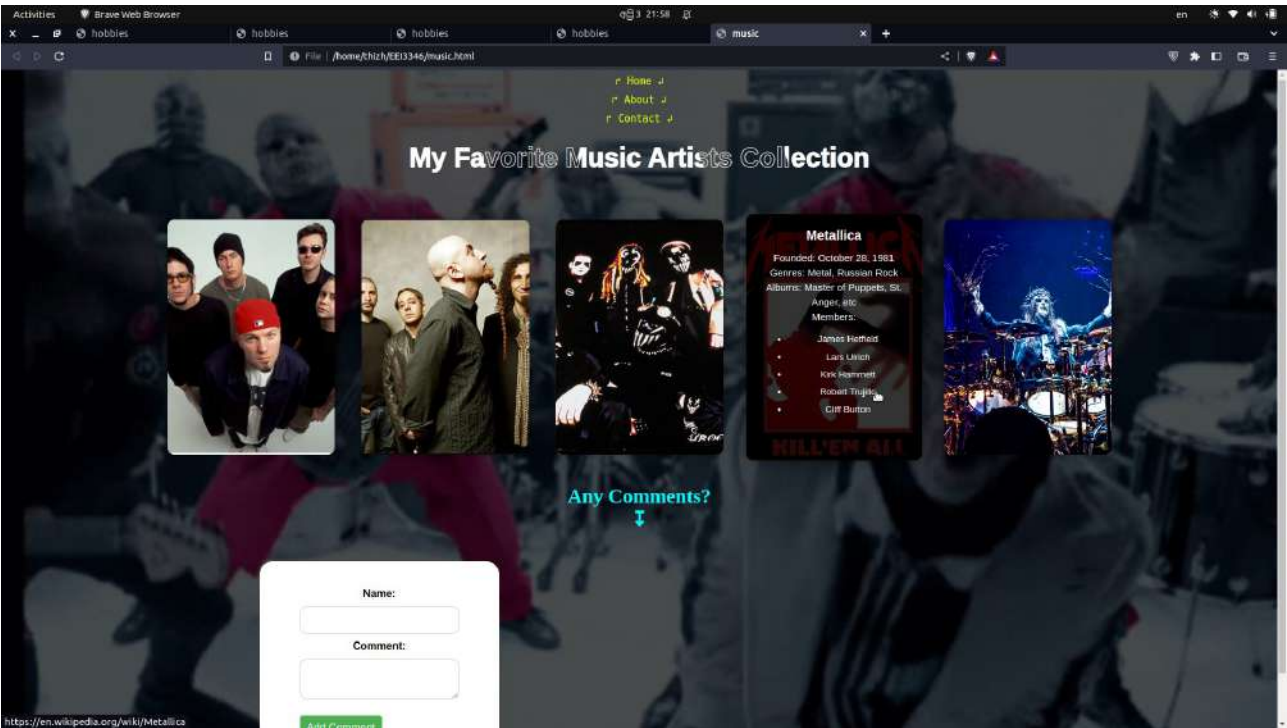


Figure 08: music.html

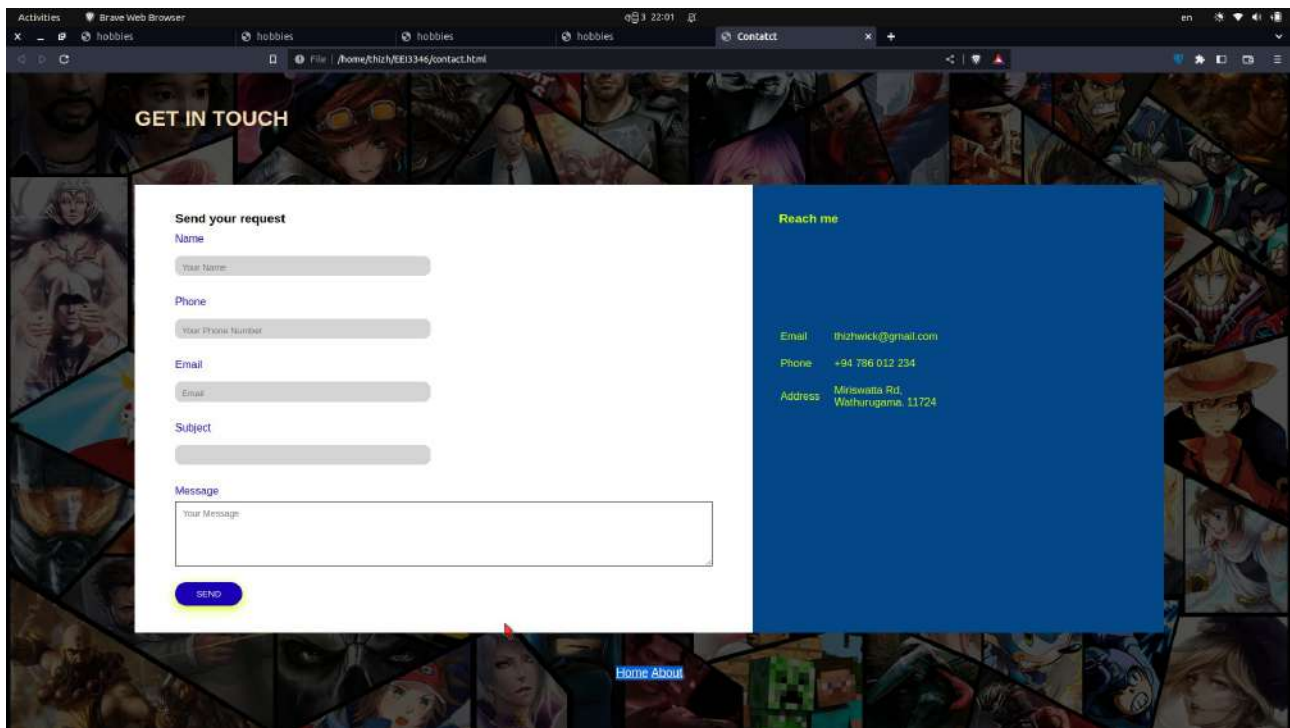


Figure 09: contact.html

Responsive test:

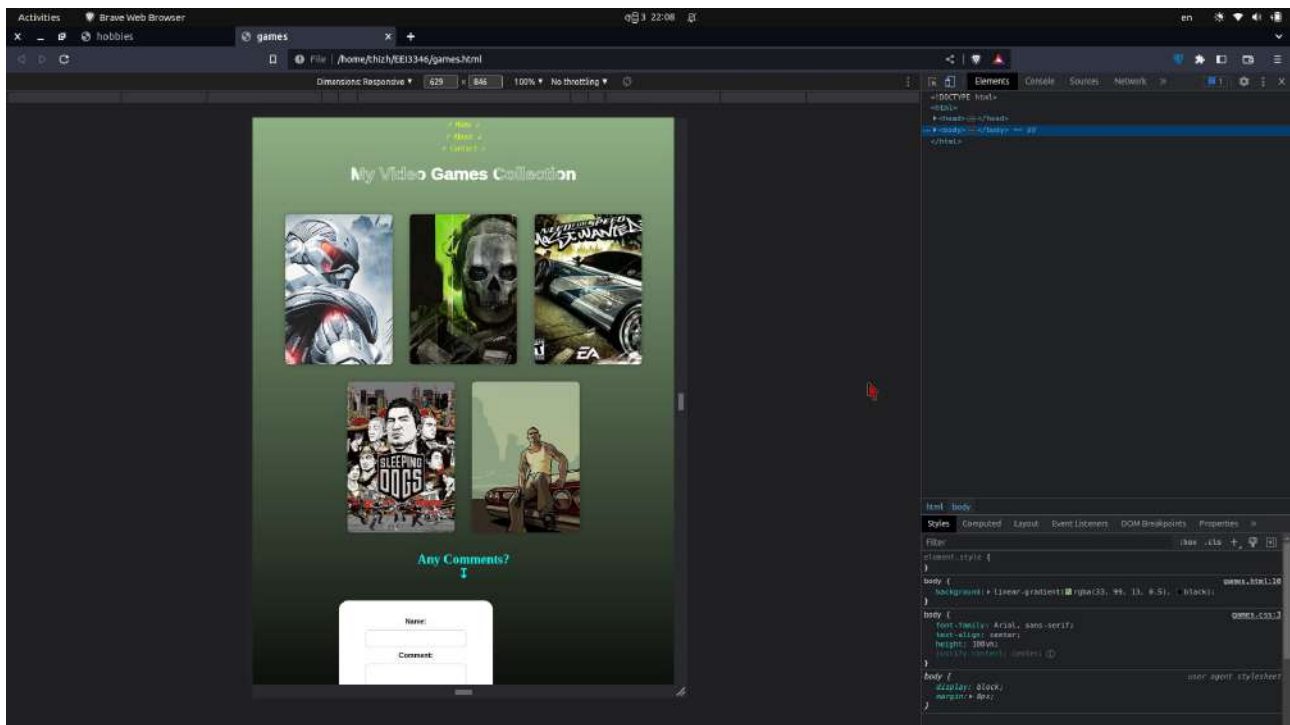


Figure 10: games.html (responsive check)

Conclusion

In conclusion, My Hobbies website was successfully completed with my favorite hobbies. Thank You!

END !