University Of Management and Technology

Assignment 2

Advance Web Technology

Web Application using Javascript and Bootstrap Framework

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CONTENTS

1. HTML CODE

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Anime World</title>
7   <link rel="icon" type="image/x-icon"
    href="https://tse2.mm.bing.net/th?id=OIP.ALbwAb6aKjFIUo9YHBTkDwHaE7&pid=Api&P=0&h=220">
8   <!-- Bootstrap CSS -->
9   <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
10  <!-- Font Awesome -->
11  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css">
12  <!-- Custom CSS -->
13  </head>
14  <!-- data-spy(Hightlight nav item when scroll), data-offset(50 pixcel above or below) -->
15  <body data-spy="scroll" data-target=".navbar" data-offset="50">
16  <!-- Navigation -->
17  <nav class="navbar navbar-expand-lg navbar-dark fixed-top">
18  <div class="container">
19  <a class="navbar-brand" href="#"><b>Anime World</b></a>
20  <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav"
21  aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
22  <span class="navbar-toggler-icon"></span>
23  </button>
24  <div class="collapse navbar-collapse" id="navbarNav">
25  <ul class="navbar-nav ml-auto">
26  <li class="nav-item">
27  <a class="nav-link" href="#home">Home</a>
28  </li>
29  <li class="nav-item">
30  <a class="nav-link" href="#about">About</a>
31  </li>
32  <li class="nav-item">
33  <a class="nav-link" href="#services">Services</a>
34  </li>
35  <li class="nav-item">
36  <a class="nav-link" href="#portfolio">Portfolio</a>
37  </li>
38  <li class="nav-item">
39  <a class="nav-link" href="#contact">Contact</a>
40  </li>
41  </ul>
42  </div>
43  </div>
44  </nav>
```

```html
45  <!-- Home Section -->
46  <section id="home" class="bg-pink text-white py-6">
47  <div class="container text-center">
48  <h1>Welcome to Anime World!</h1>
49  <p class="lead"><b>Explore the Fascinating World of Anime with us.</b></p>
50  <a href="#contact" class="btn btn-primary btn-lg"><b>Get in Touch!</b></a>
51  </div>
52  </section>

53  <!-- About Section -->
54  <section id="about" class="py-5">
55  <div class="container">
56  <div class="row">
57  <div class="col-lg-6">
58  <h2>About Us</h2>
59  <p>Welcome to Anime World! A Heaven for enthusiasts of Japanese animation and culture! Our platform is
    dedicated to providing an immersive and enriching experience for anime fans of all ages and interests. you'll
    discover a treasure trove of content, ranging from classic masterpiece to the latest releases. Whether you're a
    seasoned anime aficionado or just dipping your toes into this captivating world, there's something here for
    everyone.</p>
60  </div>
61  <div class="col-lg-6">
62  <img src="https://i.pinimg.com/originals/30/b0/eb/30b0eb937f95aea46724d438059537dc.gif"
    alt="About Us" class="img-fluid rounded-circle">
63  </div>
64  </div>
65  </div>
66  </section>

67  <!-- Services Section -->
68  <section id="services" py-3">
69  <div class="container">
70  <h2 class="text-center">Our Services</h2>
71  <div class="row">
72  <div class="col-md-4">
73  <div class="card mb-4">
74  <div class="card-body">
75  <h3 class="card-title">Anime Streaming</h3>
76  <p class="card-text">Watch your favorite anime series online.</p>
77  </div>
78  </div>
79  </div>
80  <div class="col-md-4">
81  <div class="card mb-4">
82  <div class="card-body">
83  <h3 class="card-title">Merchandise</h3>
84  <p class="card-text">Get exclusive merchandise of popular anime characters.</p>
```

```
85  </div>
86  </div>
87  </div>
88  <div class="col-md-4">
89  <div class="card mb-4">
90  <div class="card-body">
91  <h3 class="card-title">Community</h3>
92  <p class="card-text">Join vibrant anime community. You can also join live streamings.</p>
93  </div>
94  </div>
95  </div>
96  </div>
97  </div>
98  </section>

99  <!-- Portfolio Section -->
100 <section id="portfolio" class="py-2">
101 <div class="container">
102 <h2 class="text-center">Anime Gallery</h2>
103 <div class="row">
104 <!-- Anime cards will be added dynamically here -->
105 </div>
106 </div>
107 </section>

108 <!-- Form Section -->
109 <section id="form" class="py-3">
110 <div class="container">
111 <h2 class="text-center">Add Animes to Gallery</h2>
112 <form id="animeForm">
113 <input type="hidden" id="animeId" value="">
114 <div class="form-group">
115 <label for="animeName">Anime Name</label>
116 <input type="text" class="form-control" id="animeName" required>
117 </div>
118 <div class="form-group">
119 <label for="animeYear">Year</label>
120 <input type="number" class="form-control" id="animeYear" required>
121 </div>
122 <div class="form-group">
123 <label for="animeRatings">Ratings</label>
124 <input type="text" class="form-control" id="animeRatings" required>
125 </div>
126 <div class="form-group">
127 <label for="animeCountry">Country</label>
128 <input type="text" class="form-control" id="animeCountry" required>
129 </div>
```

```
130 <button type="submit" class="btn btn-primary">Submit</button>
131 </form>
132 </div>
133 </section>

134 <!-- Contact Section -->
135 <section id="contact" class="bg-pink text-white py-5">
136 <div class="container">
137 <h2 class="text-center">For more Information</h2>
138 <br>
139 <div class="row">
140 <div class="col-md-6">
141 <form action="#" method="POST">
142 <div class="form-group">
143 <input type="text" class="form-control" placeholder="Your Name">
144 </div>
145 <div class="form-group">
146 <input type="email" class="form-control" placeholder="Your Email">
147 </div>
148 <div class="form-group">
149 <textarea class="form-control" rows="5" placeholder="Your Message"></textarea>
150 </div>
151 <button type="submit" class="btn btn-primary btn-block">Submit</button>
152 </form>
153 </div>
154 <div class="col-md-6">
155 <br>
156 <h4 class=>Contact Us</h4>
157 <p>Email: animeworld@.com</p>
158 <p>Phone: +1234567890</p>
159 <p>Instagram: anime_world</p>
160 <p>Twitter: @worldofanime</p>
161 </div>
162 </div>
163 </div>
164 </section>

165 <!-- Footer -->
166 <footer class="bg-pink text-center py-1">
167 <div class="container">
168 <p>&copy; 2024 Anime World. All Rights Reserved.</p>
169 </div>
170 </footer>

171 <!-- Bootstrap JS -->
172 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
173 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>
```

```
174 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

175 <!-- Custom JavaScript -->
176 <script src="app.js"></script> <!-- Include the JavaScript file here -->
177 </body>
178 </html>

179 </body>
180 </html>
```

2.   CSS CODE

```
1       body {
2       font-family: 'Arial', sans-serif;
3       background-color: #1f1f1f;     /*All Sections Background color*/
4       font-size: 20px;             /*Navbar Size*/
5       color: #ffffff;             /*About Us Text Color*/
6       }
7
8       p {
9       font-size: 20px;             /*About us Font Size*/
10      }
11
12      nav.navbar {
13      background: linear-gradient( #151515,#212121, #151515);
14      }
15
16      .navbar-brand:hover, .navbar-nav .nav-link:hover {
17      color: #b30e27e2 !important;   /*Navbar Hover Color*/
18      }
19      section {
20      padding: 80px;           /*Home Section Padding*/
21      }
22      h1,
23      h2,
24      h3,
25      h4,
26      h5,
27      h6 {
28      color: #ffffff;
29      }
30      /*Section color*/
31      #home {
32      background: linear-gradient(#151515 20%, #6d0514e2 60%, #1d1d1d);
```

```css
33        }

34        #about {
35        background: linear-gradient(#1d1d1d 20%, #000000e2 60%, #1d1d1d);
36        }
37        #contact {
38        background: linear-gradient(#1f1f1f 20%, #6d0514e2 60%, #121212);
39        }
40        .card {
41        background-color: #121212;
42        }
43        .card:hover {
44        background-color: #404040;
45        }

46        .btn-primary {
47        background-color: #2a2929;
48        border-color: #323232;
49        }

50        .btn-primary:hover {
51        background-color: #9a0909;
52        border-color: #900717;
53        }

54        footer {
55        background-color: #151515;
56        padding: 10px 0;
57        }
58
```

3.   JS CODE

```javascript
1    // Function to handle form submission
2    function handleFormSubmission(e) {
3    e.preventDefault();

4    // Get form values
5    var animeName = document.getElementById('animeName').value;
6    var animeYear = document.getElementById('animeYear').value;
7    var animeRatings = document.getElementById('animeRatings').value;
8    var animeCountry = document.getElementById('animeCountry').value;

9    // Check if form is in edit mode
10   var isEdit = document.getElementById('animeId').value !== '';

11   if (isEdit) {
```

```
12   // If in edit mode, update existing anime card
13   var animeId = document.getElementById('animeId').value;
14   var existingAnimeCard = document.getElementById(animeId);
15   existingAnimeCard.querySelector('.card-title').innerText = animeName;
16   existingAnimeCard.querySelector('.year').innerText = 'Year: ' + animeYear;
17   existingAnimeCard.querySelector('.ratings').innerText = 'Ratings: ' + animeRatings;
18   existingAnimeCard.querySelector('.country').innerText = 'Country: ' + animeCountry;
19   } else {
20   // If not in edit mode, create new anime card
21   var animeCard = document.createElement('div');
22   animeCard.classList.add('col-md-4');
23   animeCard.id = Date.now(); // Unique ID for each anime card
24   animeCard.innerHTML = `
25   <div class="card mb-4">
26   <div class="card-body">
27   <h3 class="card-title">${animeName}</h3>
28   <p class="card-text year">Year: ${animeYear}</p>
29   <p class="card-text ratings">Ratings: ${animeRatings}</p>
30   <p class="card-text country">Country: ${animeCountry}</p>
31   <button class="btn btn-danger btn-sm delete">Delete</button>
32   <button class="btn btn-primary btn-sm edit">Edit</button>
33   </div>
34   </div>
35   `;
36   document.getElementById('portfolio').querySelector('.row').appendChild(animeCard);
37   }

38   // Clear form and reset edit mode
39   document.getElementById('animeForm').reset();
40   document.getElementById('animeId').value = '';
41   }

42   // Function to delete anime card
43   function deleteAnimeCard(e) {
44   if (e.target.classList.contains('delete')) {
45   e.target.parentElement.parentElement.parentElement.remove();
46   }
47   }

48   // Function to edit anime card
49   function editAnimeCard(e) {
50   if (e.target.classList.contains('edit')) {
51   var cardBody = e.target.parentElement;
52   var animeId = cardBody.parentElement.parentElement.id;
53   var animeName = cardBody.querySelector('.card-title').innerText;
54   var animeYear = cardBody.querySelector('.year').innerText.replace('Year: ', '');
55   var animeRatings = cardBody.querySelector('.ratings').innerText.replace('Ratings: ', '');
```
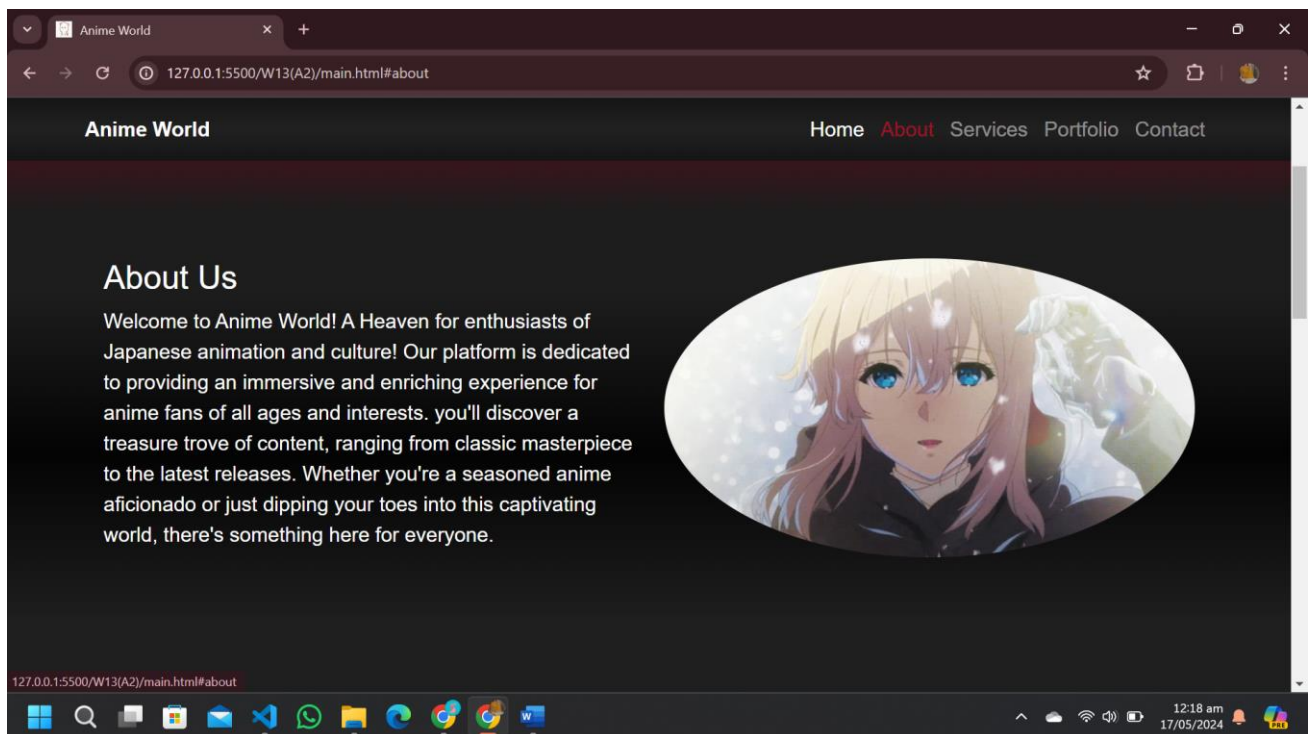
```
56  var animeCountry = cardBody.querySelector('.country').innerText.replace('Country: ', '');

57  // Set form values for editing
58  document.getElementById('animeId').value = animeId;
59  document.getElementById('animeName').value = animeName;
60  document.getElementById('animeYear').value = animeYear;
61  document.getElementById('animeRatings').value = animeRatings;
62  document.getElementById('animeCountry').value = animeCountry;
63  }
64  }

65  // Event listeners
66  document.getElementById('animeForm').addEventListener('submit', handleFormSubmission);
67  document.getElementById('portfolio').addEventListener('click', deleteAnimeCard);
68  document.getElementById('portfolio').addEventListener('click', editAnimeCard);
```

4.   OUTPUT

HOME SECTION
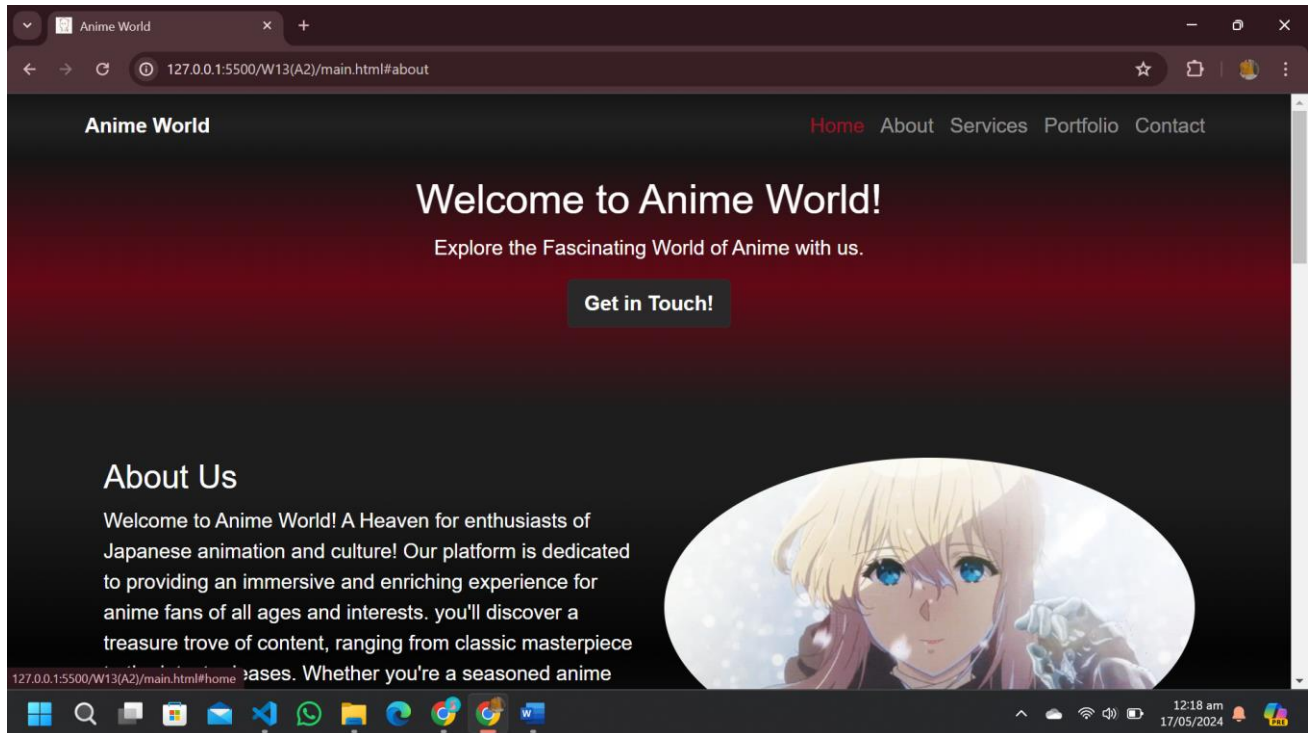
ABOUT SECTION
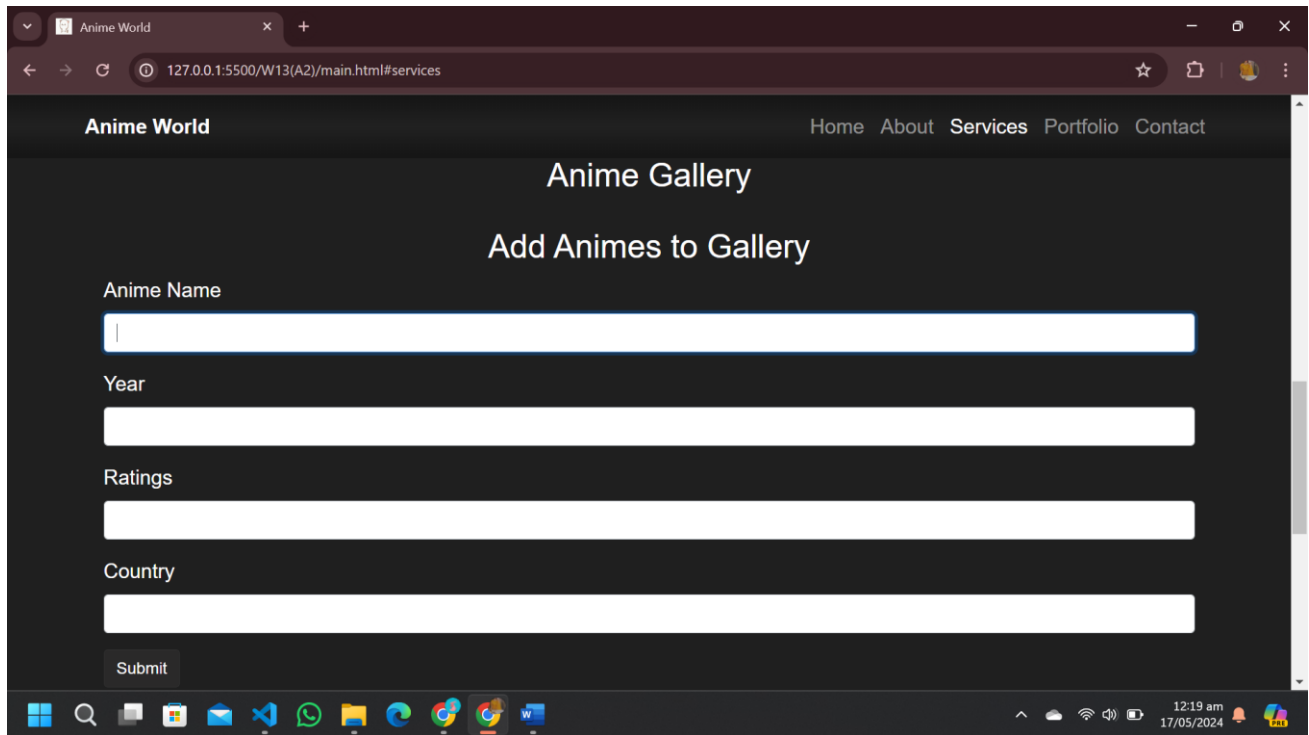
SERVICES SECTION
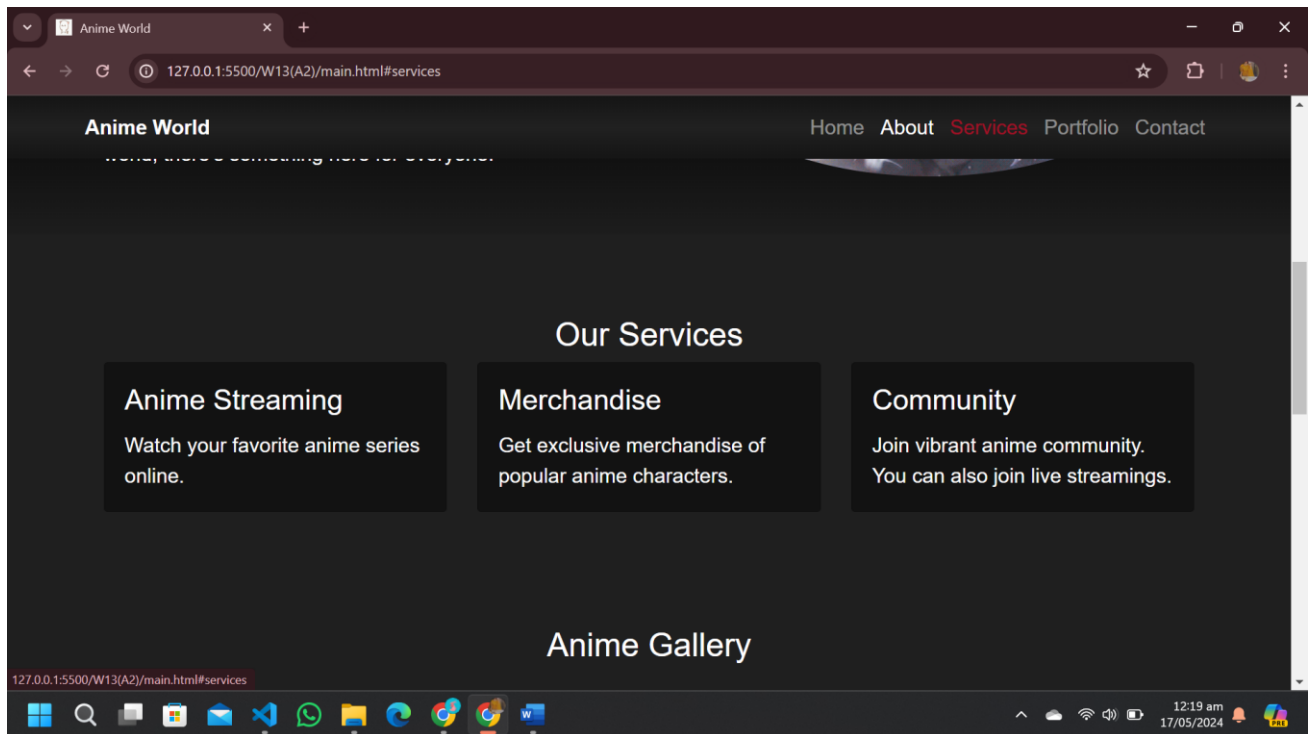
CONTACT SECTION
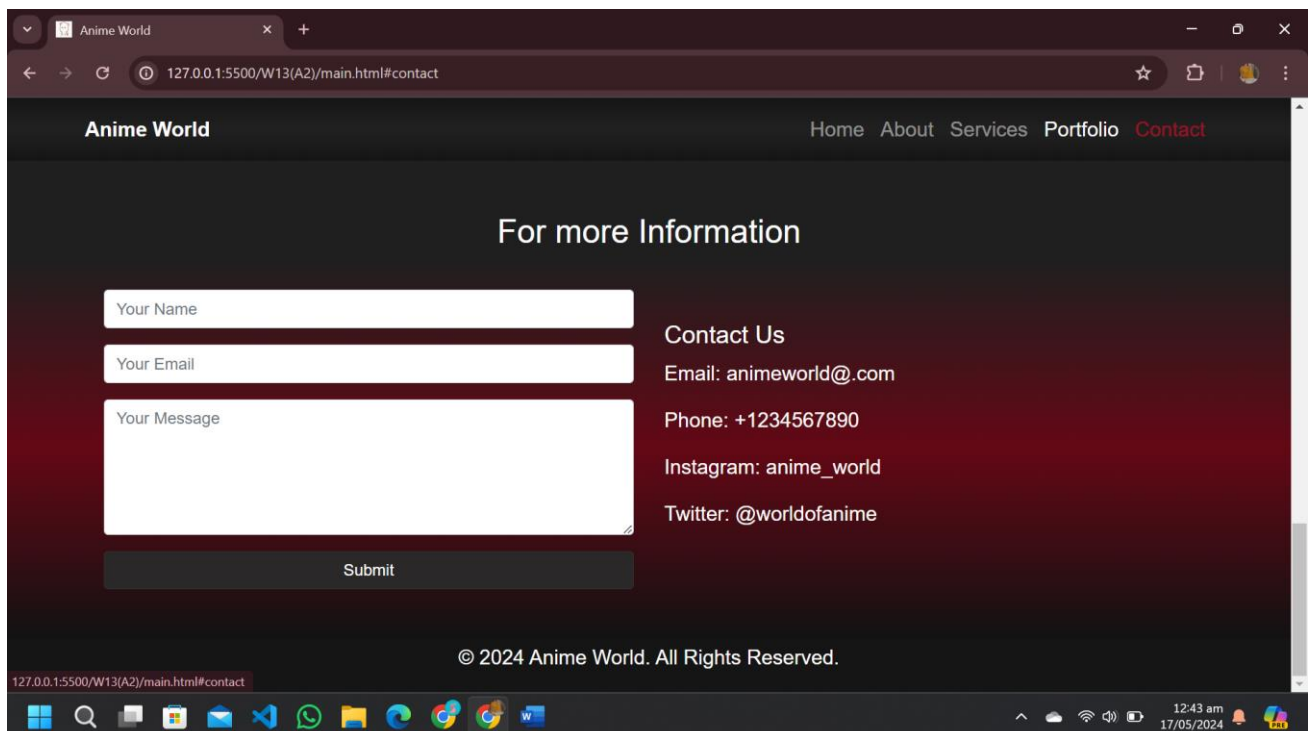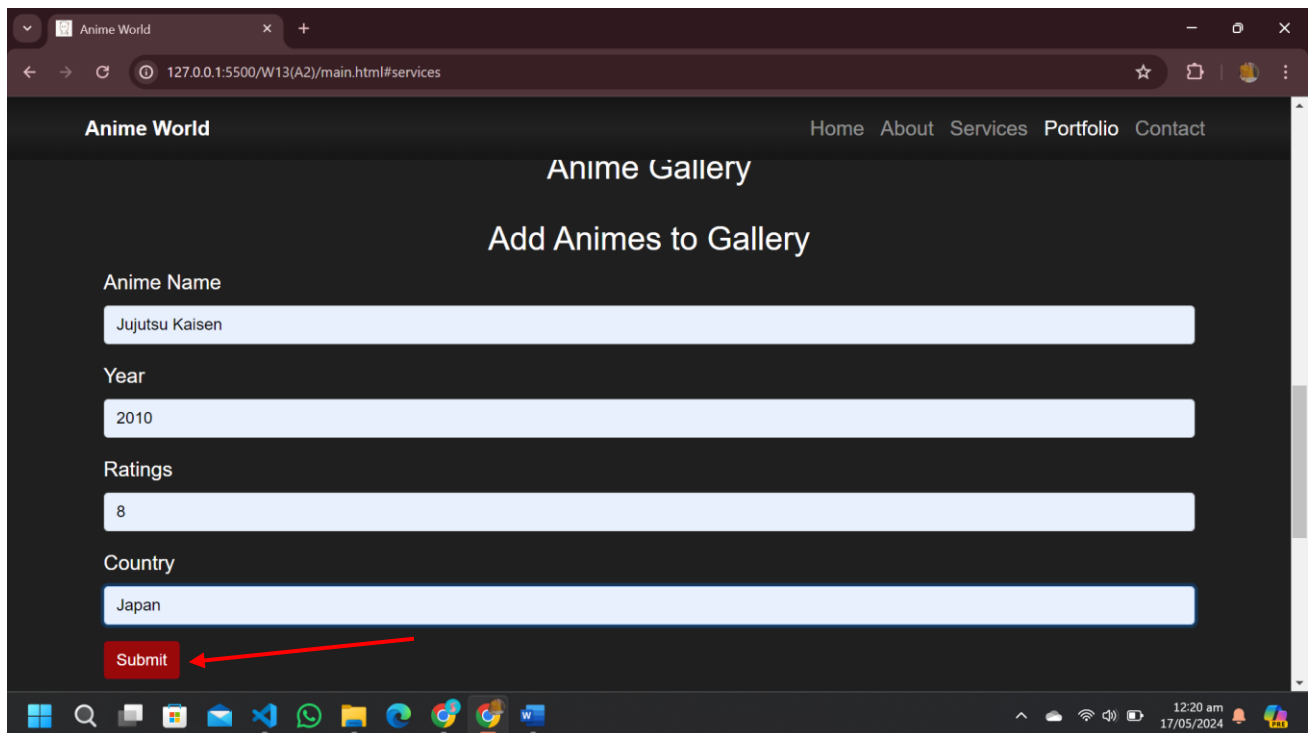
5. CRUD OPERATIONS
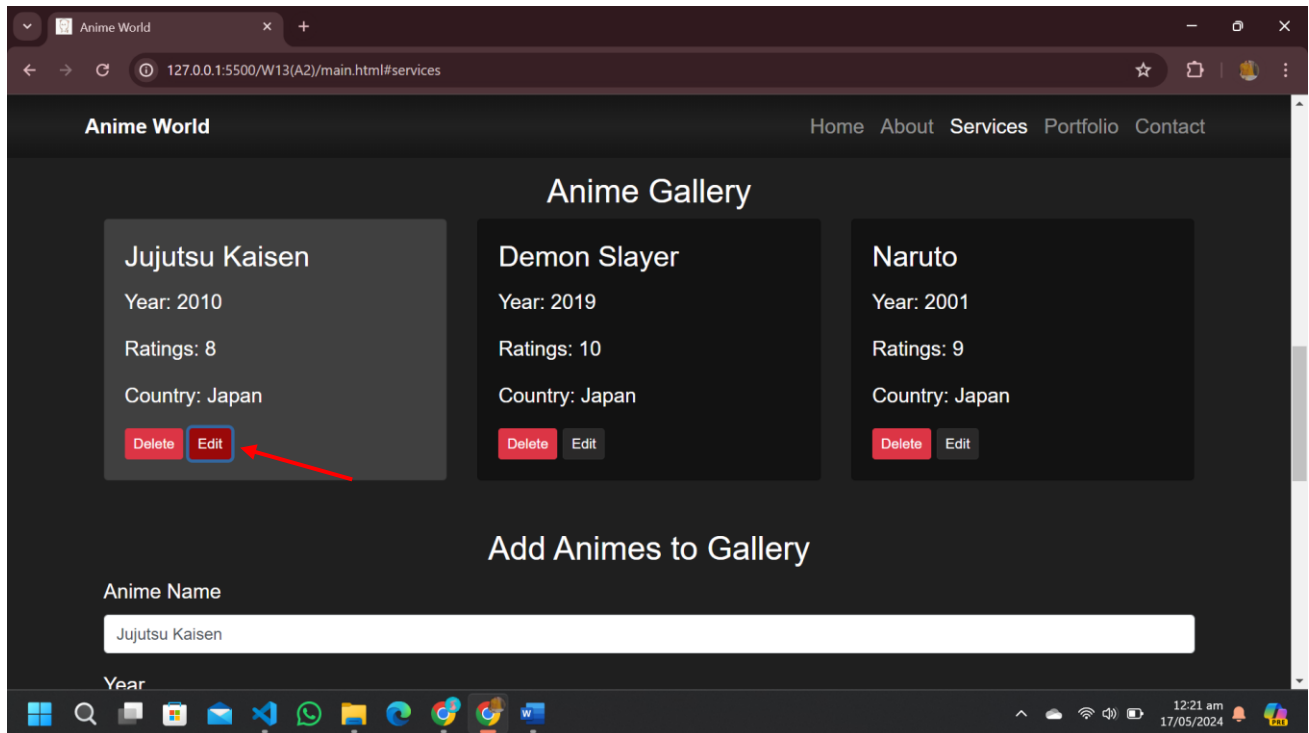

ADDING ANIMES (CREATE OPERATION)

After Clicking on the submitting button, new anime is added in gallery.
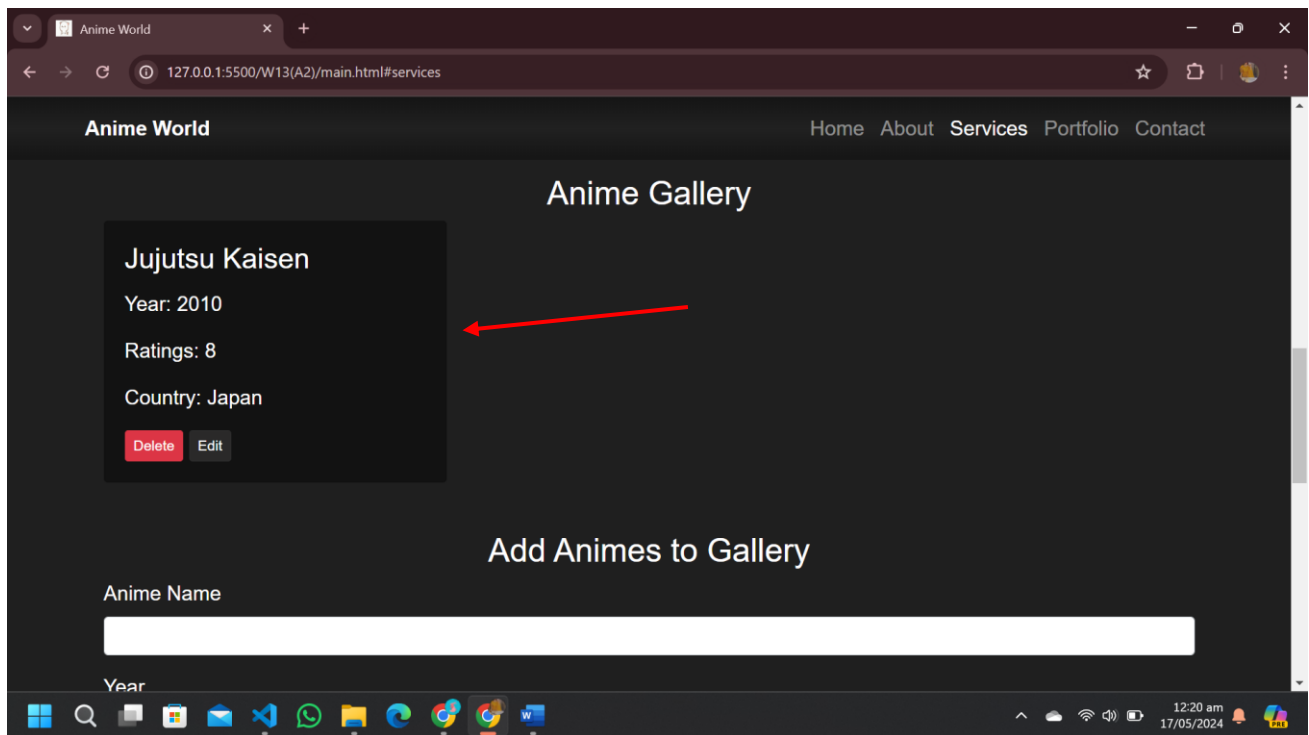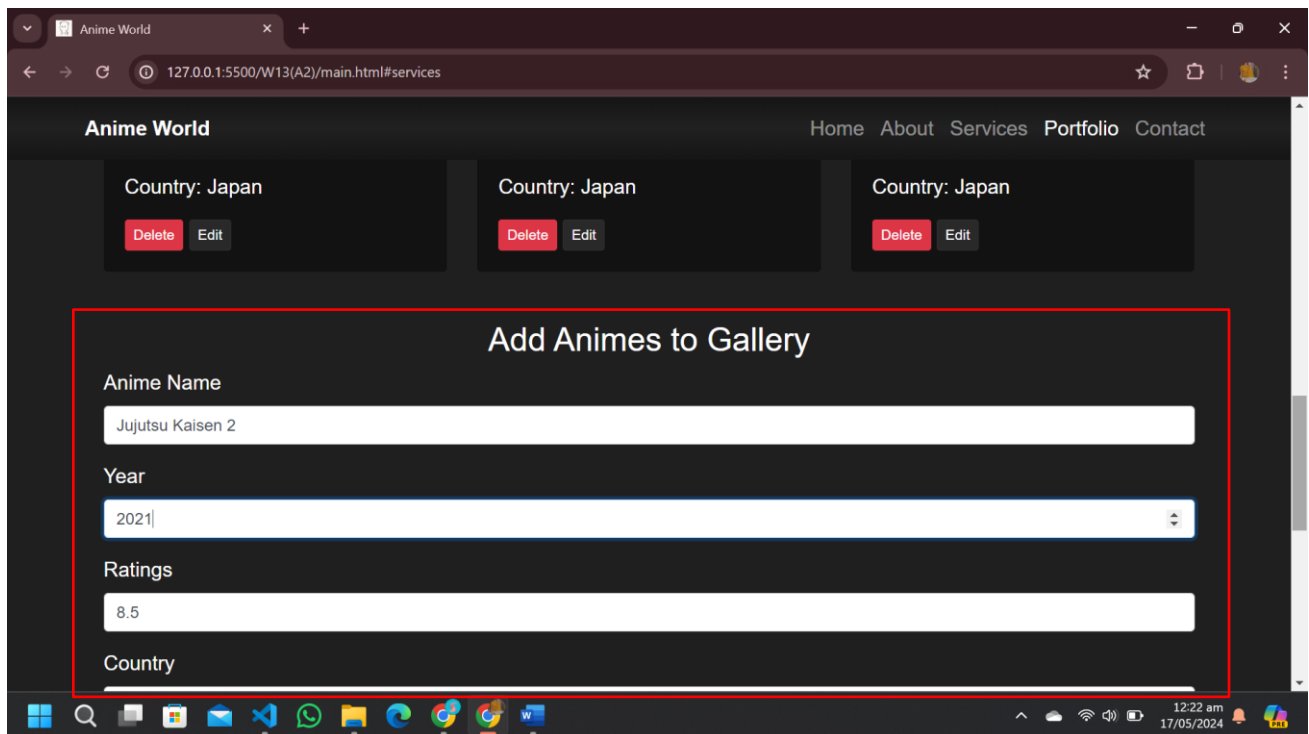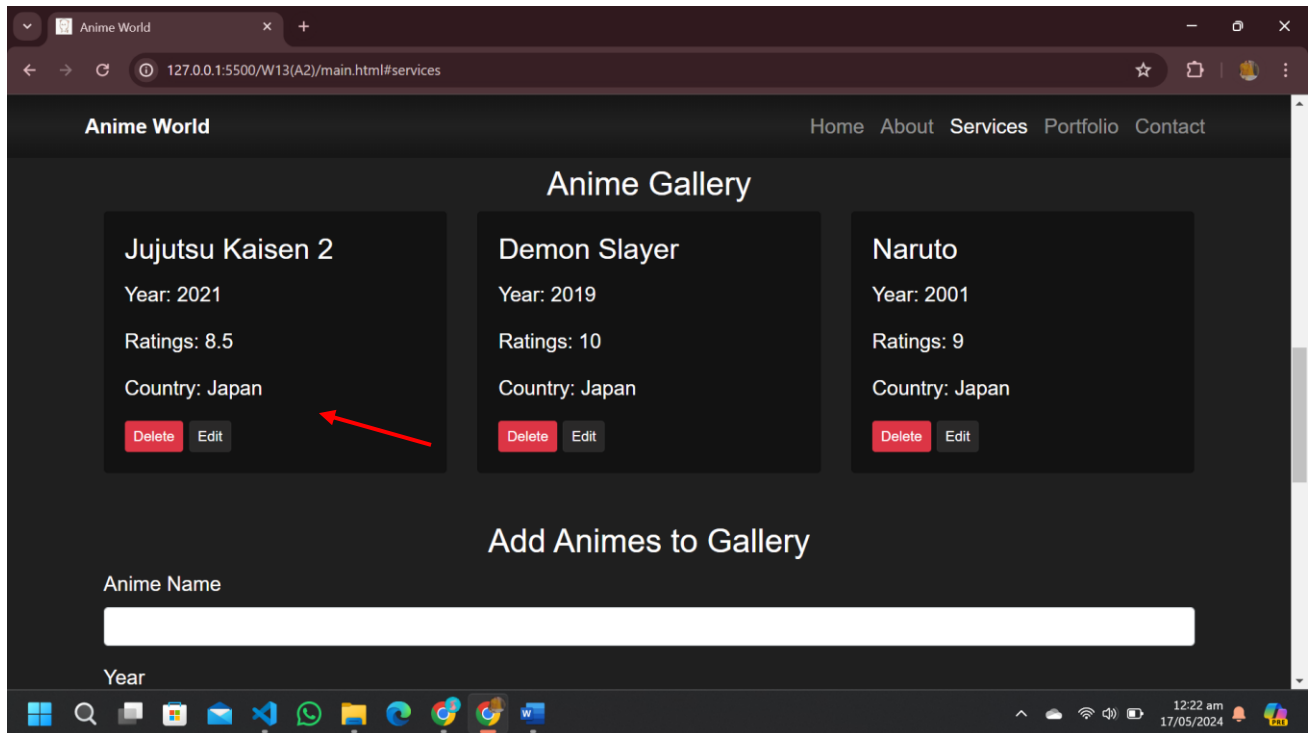

VIEWING ANIMES (READ OPERATION)
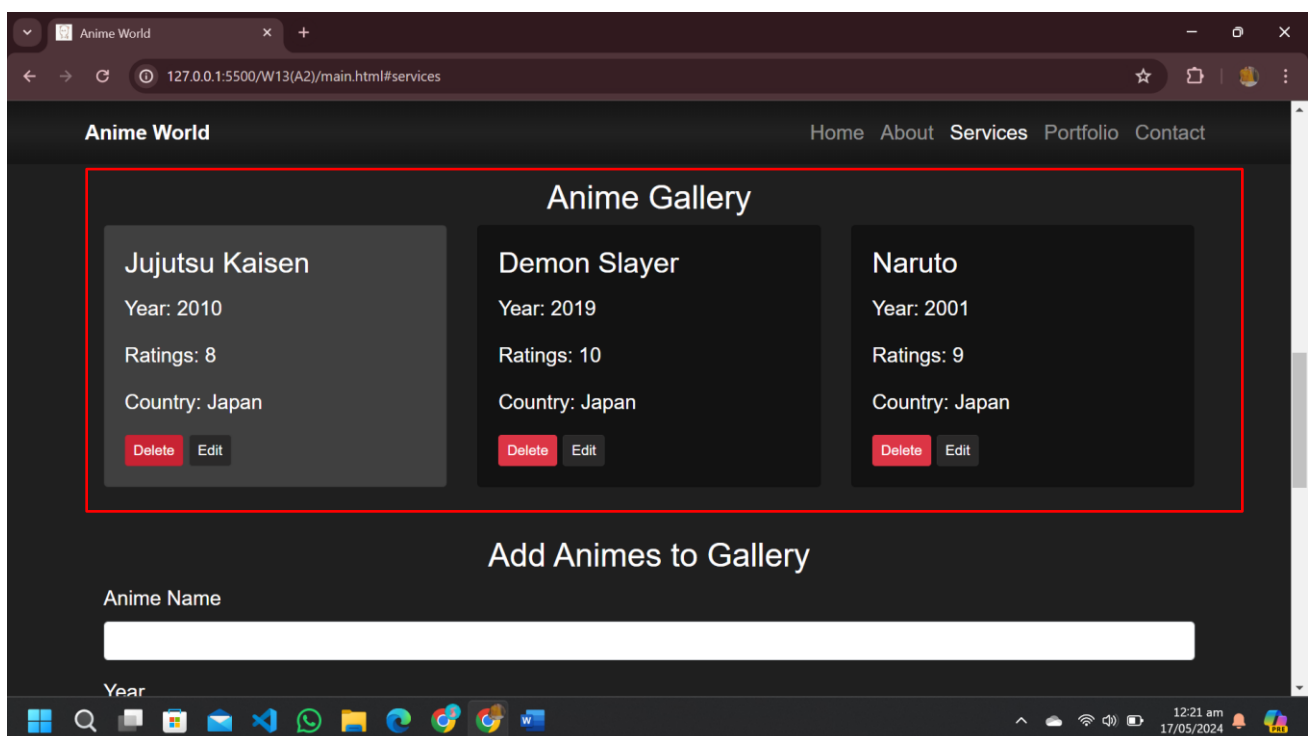
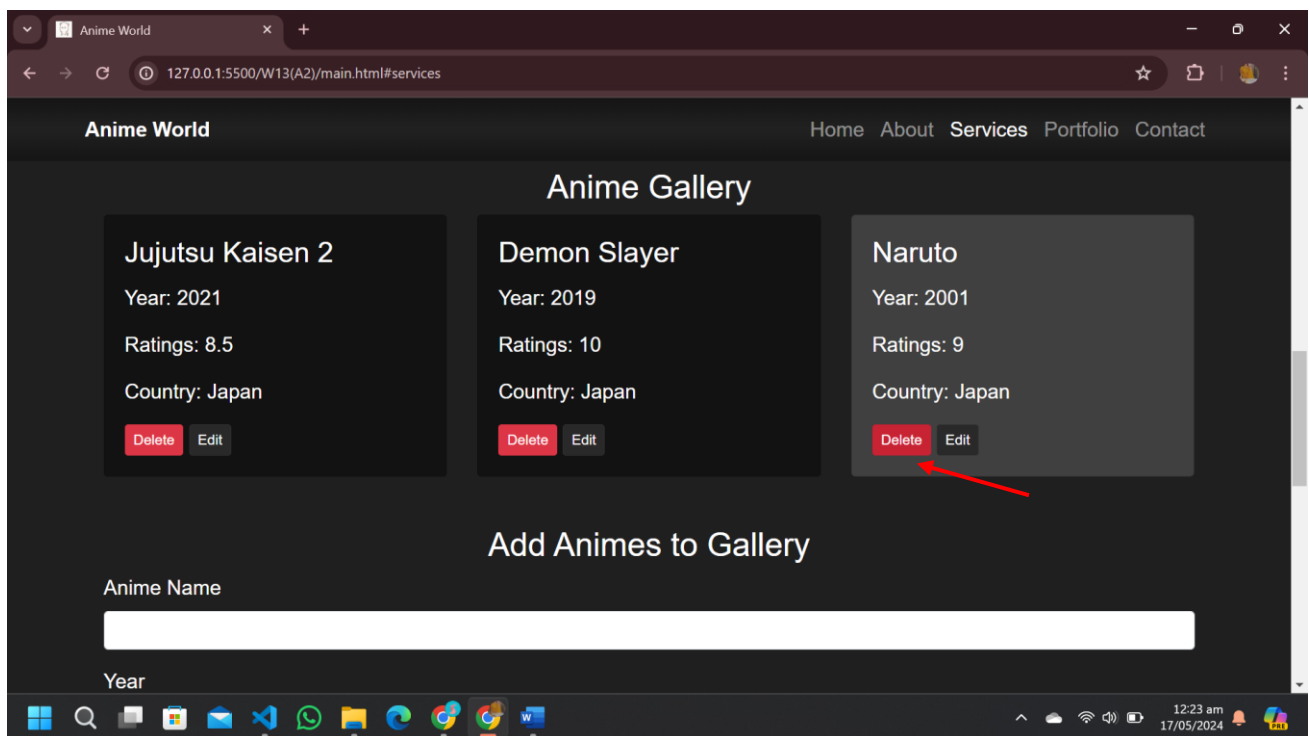## UPDATE ANIMES (UPDATE OPERATION)

After clicking on the edit button, the content of anime is filled in form so that we can update it.

After changing the content, clicking on submit to update.

DELETE ANIMES (DELETE OPERATION)

Content of anime has been deleted from gallery.