

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY &
RESEARCH

Department of Computer Science & Engineering

Subject Name: Web Development Framework

Semester: III

Subject Code: ITEU204

Academic year: 2025-26 [ODD]

Practical - 4

No.	Aim of the Practical
1.	<p>Create dynamic content such as collapsible FAQs, popups, and sliders in portal pages.</p> <p><u>PROGRAM CODE :</u></p> <p><u>FAQs:</u></p> <p>HTML :</p> <pre><button type="view" class="FAQs-btn" onclick="toggleFAQ()">View FAQs</button></pre> <p>JavaScript :</p> <pre>function toggleFAQ() { const faq = document.getElementById("faqs-container"); faq.style.display = faq.style.display === "none" ? "block" : "none"; } document.addEventListener("DOMContentLoaded", () => { document.querySelectorAll(".faqs-que").forEach(button => { button.addEventListener("click", () => { const answer = button.nextElementSibling; answer.style.display = answer.style.display === "block" ? "none" : "block"; }); }); });</pre>

```
});  
});
```

Popups :

HTML :

```
<script src="login.js"></script>
```

Javascript :

```
function validform(event) {  
    event.preventDefault();  
  
    const username =  
document.forms["login-form"]["username"].value.trim();  
    const password =  
document.forms["login-form"]["password"].value.trim();  
  
    if (username === "") {  
        alert("Please enter proper Username!");  
        return false;  
    }  
  
    if (password === "") {  
        alert("Please enter proper Password!");  
        return false;  
    }  
  
    alert("Login successful (demo only)");  
    return true;  
}  
  
window.onload = function () {  
    const form = document.forms["login-form"];  
    if (form) {  
        console.log("Login form found. Event listener attached.");  
        form.addEventListener("submit", validform);  
    } else {  
        console.error("Login form not found!");  
    }  
}
```

```
}  
};  
function gohome() {  
    window.location.href = '../home-page.html';  
}
```

Slider :

HTML :

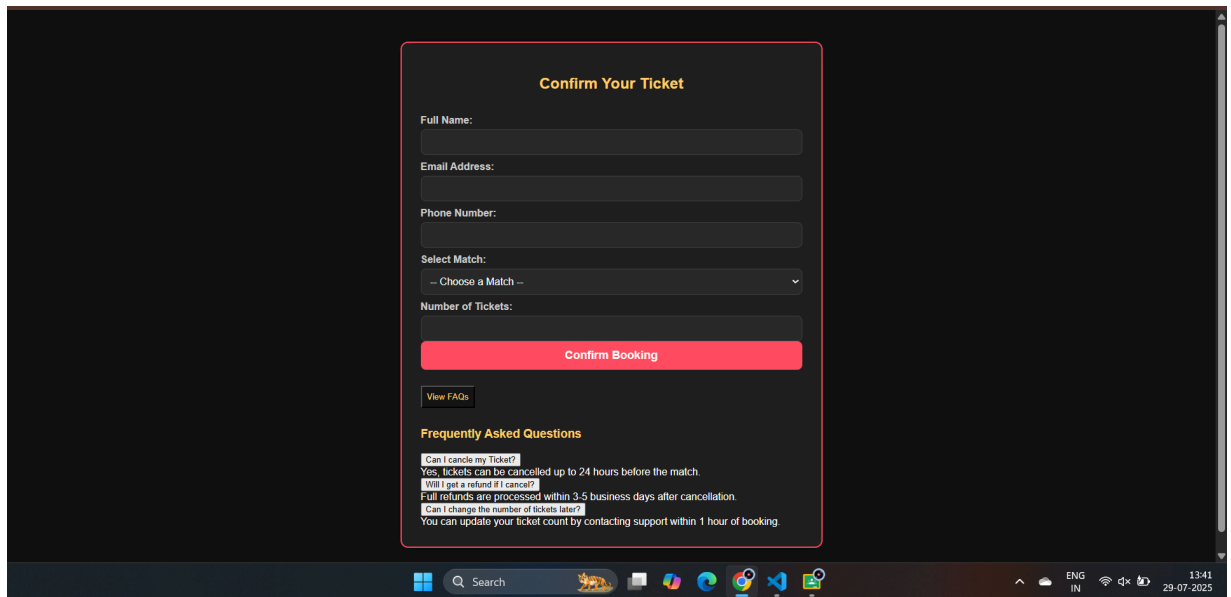
```
<script src="slideshow.js"></script>
```

Javascript :

```
let slideIndex = 0;  
const slides = document.getElementsByClassName("slide-image");  
  
function showSlides() {  
    for (let i = 0; i < slides.length; i++) {  
        slides[i].style.display = "none";  
    }  
    slideIndex++;  
    if (slideIndex > slides.length) slideIndex = 1;  
    slides[slideIndex - 1].style.display = "block";  
    setTimeout(showSlides, 3000); // 3 seconds  
}  
  
document.addEventListener("DOMContentLoaded", showSlides);
```

OUTPUT:

FAQs :



Confirm Your Ticket

Full Name:

Email Address:

Phone Number:

Select Match:

Number of Tickets:

Confirm Booking

[View FAQs](#)

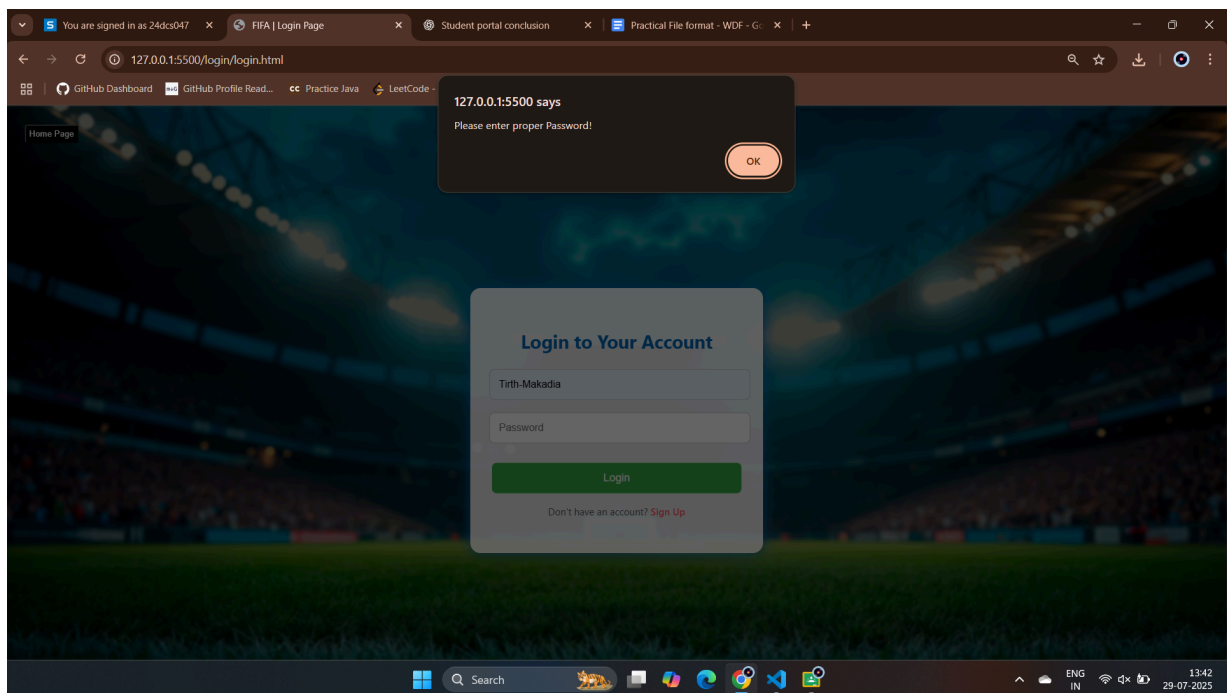
Frequently Asked Questions

Can I cancel my Ticket?
Yes, tickets can be cancelled up to 24 hours before the match.

Will I get a refund if I cancel?
Full refunds are processed within 3-5 business days after cancellation.

Can I change the number of tickets later?
You can update your ticket count by contacting support within 1 hour of booking.

Popups :



127.0.0.1:5500 says
Please enter proper Password!

Login to Your Account

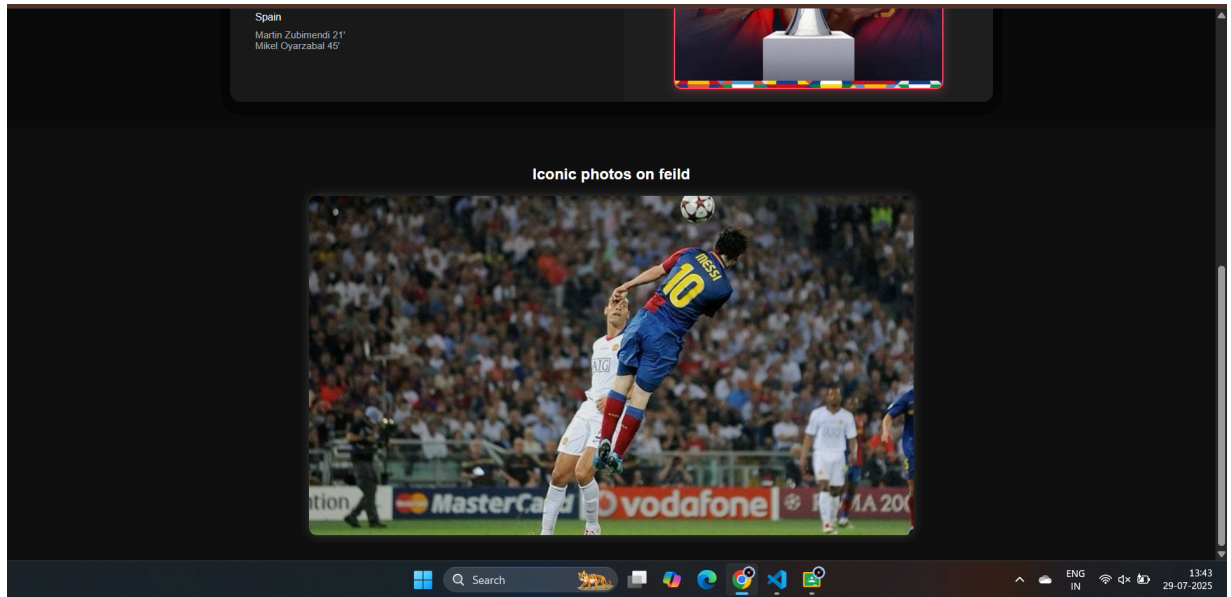
Tirth-Makadia

Password

Login

Don't have an account? [Sign Up](#)

Slider :



CONCLUSION:

In this task, dynamic content like collapsible FAQs, popups, and sliders was implemented using JavaScript DOM manipulation and event handling. Event listeners were used effectively to create responsive interactions, improving overall usability and user experience. This enhanced students' ability to build interactive UIs for modern, user-focused web applications.