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.	Create dynamic content such as collapsible FAQs, popups, and sliders in portal pages.

PROGRAM CODE :

FAQs:

HTML :

```
<button type="view" class="FAQs-btn" onclick="toggleFAQ()">View FAQs</button>
```

JavaScript :

```
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";
    });
```

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

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 :

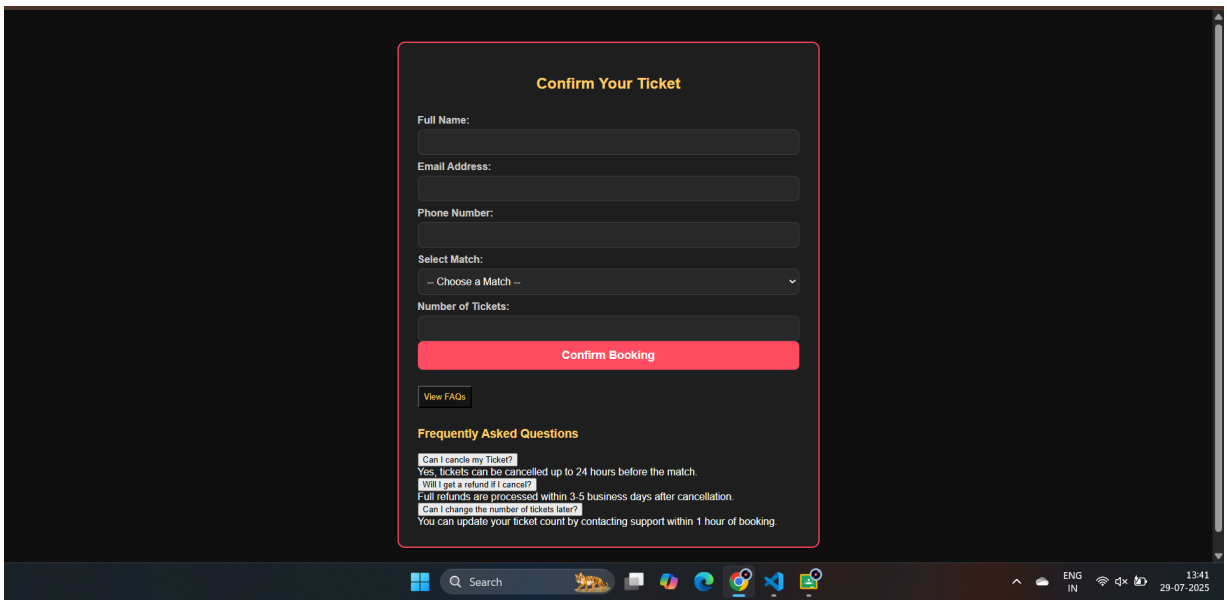
```
<script src="slideshow.js"></script>
```

Javascript :

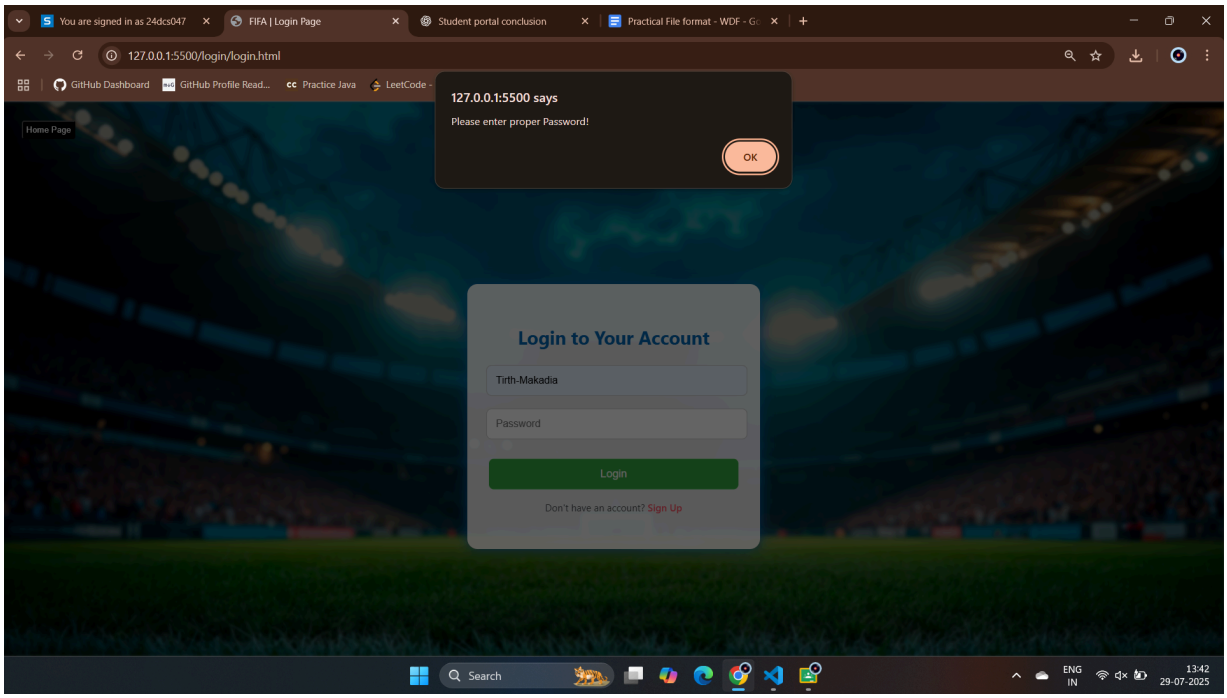
```
let slideIndex = 0;
const slides = document.getElementsByClassName("slide-image");

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:

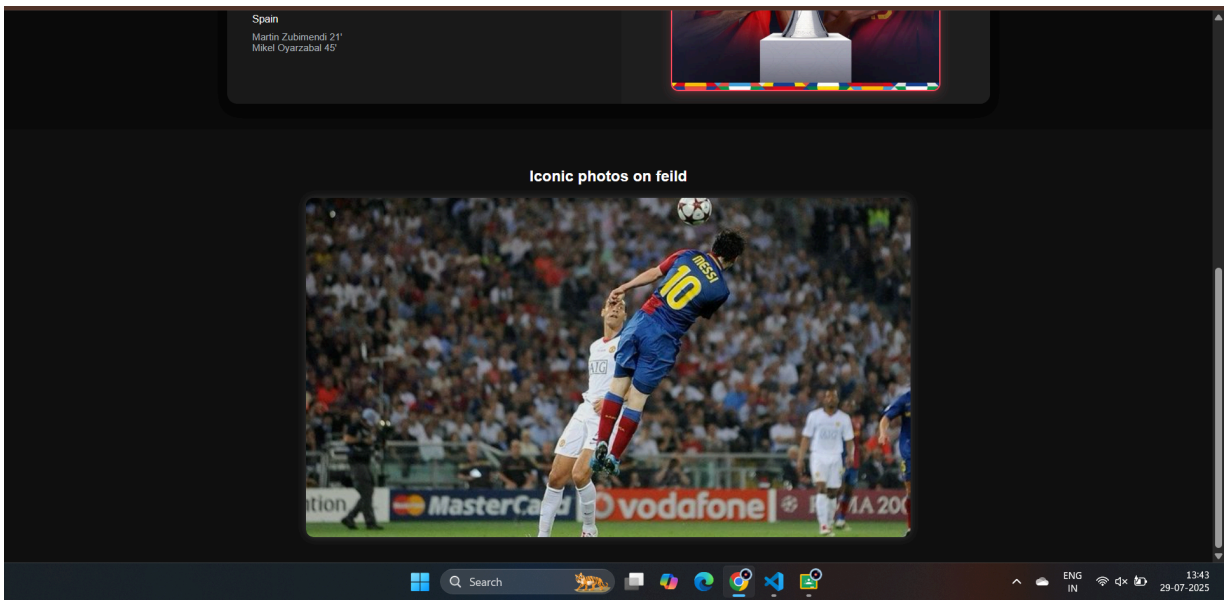
FAQs :



Popups :



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.