

Summary of Projects –

Project One) Tic Tac Toe



This Tic Tac Toe game is a simple yet classic implementation using JavaScript, HTML, and CSS. The game allows two players to compete against each other, taking turns to place their marks (X or O) on a 3x3 grid. The objective is to be the first player to get three of their marks in a row, either horizontally, vertically, or diagonally.

Key Features –

Interactive Gameplay: Players can click on the grid to place their marks. The game automatically switches turns between the two players.

Win Detection: The game detects and announces when a player wins by getting three marks in a row. It also handles ties when all spots are filled with no winner.

Reset Functionality: After a game ends, players can reset the game to start a new round without refreshing the page.

Responsive Design: The game board is designed to be responsive, making it accessible and playable on different devices, including desktops, tablets, and mobile phones.

Technologies Used:

- **JavaScript:** Handles the game logic, including player turns, win detection, and resetting the game.
- **HTML:** Structures the game board and interface.
- **CSS:** Styles the game, including the grid layout, player marks, and responsive design features.

Project Two) Student Teacher Appointment –

App Overview

This React-based application provides a comprehensive platform for students and teachers, featuring a student dashboard, teacher dashboard, scheduling capabilities, messaging, and various CRUD (Create, Read, Update, Delete) operations.

Working of the Application

1. Student Dashboard

The Student Dashboard serves as the central hub for students to manage their academic activities. It includes features like:

- **Course Management:** Students can view the courses they are enrolled in, track their progress, and access course materials.
- **Assignments:** Students can view their assignments, submit work, and receive feedback from teachers.
- **Grades:** A section where students can view their grades and performance metrics.

2. Teacher Dashboard

The Teacher Dashboard is designed to help teachers manage their classes and students efficiently. It includes:

- **Class Management:** Teachers can create, edit, and delete classes. They can also add students to classes and assign coursework.
- **Assignment Creation:** Teachers can create assignments, set deadlines, and provide instructions.
- **Student Progress Tracking:** Teachers can track the progress of each student, monitor performance, and give feedback.

3. Scheduling

The scheduling feature is a core part of the application, used by both students and teachers. It includes:

- **Appointment Booking:** Students can book appointments with teachers for one-on-one sessions or group discussions. Teachers can accept, reschedule, or decline these requests.

- **Class Scheduling:** Teachers can schedule regular classes, special sessions, or exams. The schedule is visible to students on their dashboard.
- **Calendar Integration:** The app might integrate with a calendar system, allowing users to see all their appointments and class schedules in a calendar view.

4. Messaging

Messaging is an important feature for communication between students and teachers. The messaging system includes:

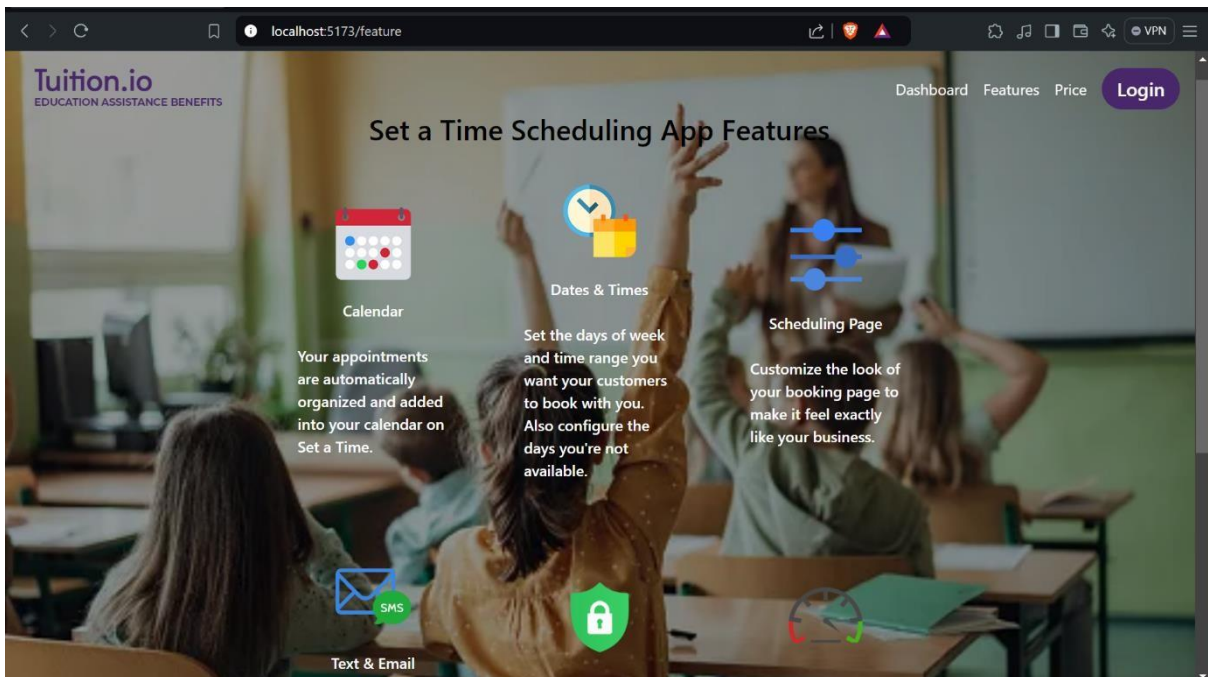
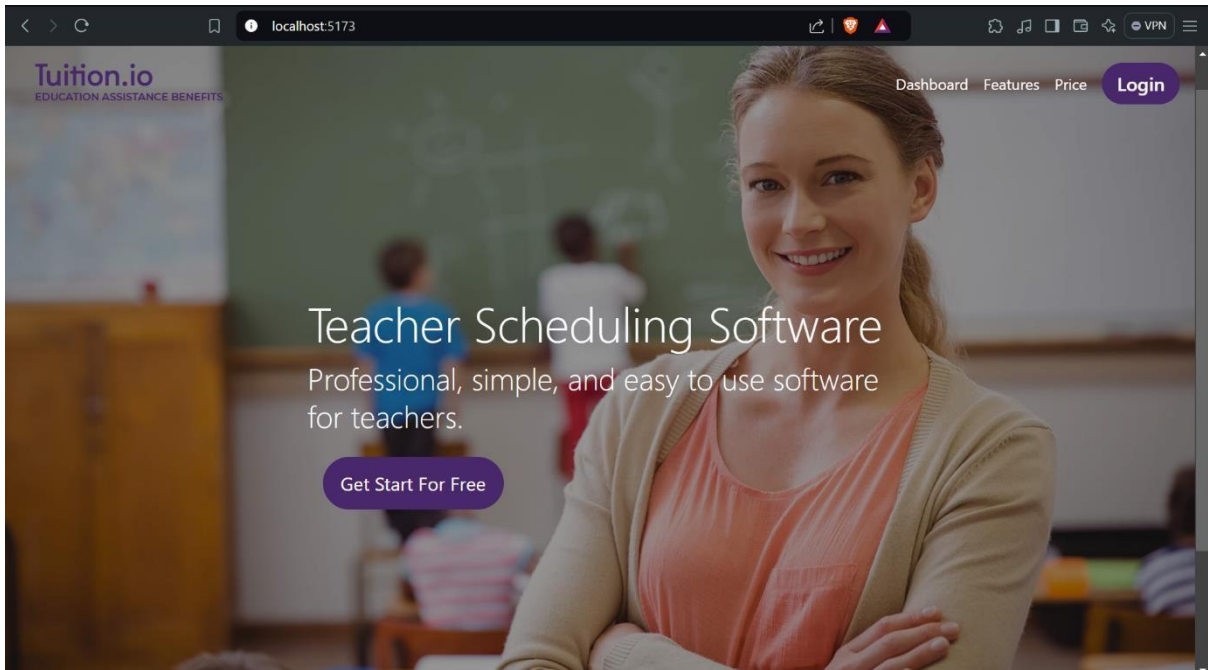
- **Direct Messaging:** Students and teachers can send messages directly to each other, facilitating communication outside of class hours.
- **Group Messaging:** For group projects or class announcements, teachers can send messages to a group of students.
- **Notifications:** Users receive notifications for new messages, appointments, or schedule changes, ensuring they stay informed.

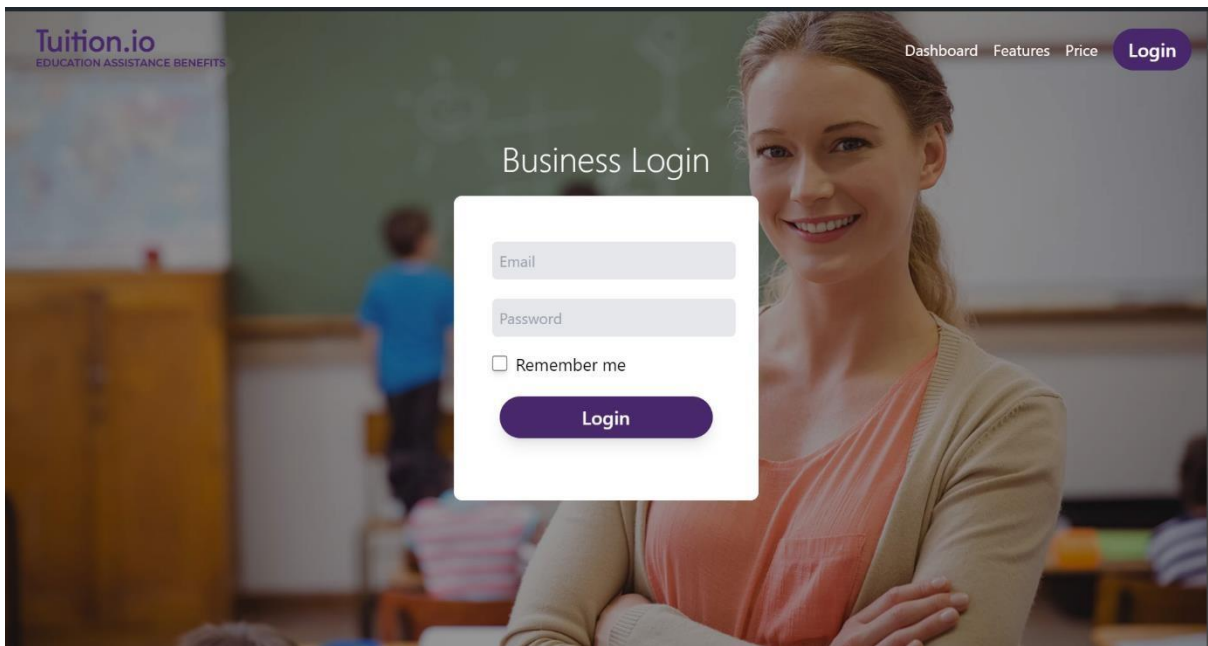
5. CRUD Operations

The app supports various CRUD operations for managing data related to students, teachers, courses, and scheduling. These operations include:

- **Create:**
 - **Courses:** Teachers can create new courses and add them to the platform.
 - **Assignments:** New assignments can be created and assigned to students.
 - **Schedules:** Teachers can create new schedules for classes or appointments.
- **Read:**
 - **Dashboards:** Students and teachers can view the data relevant to them, like courses, grades, and schedules.
 - **Messages:** Users can read their messages, both current and historical.
- **Update:**
 - **Profile Management:** Users can update their personal information, such as name, email, or password.
 - **Assignment Status:** Teachers can update the status of an assignment (e.g., submitted, graded).
 - **Schedules:** Both students and teachers can update their availability or reschedule appointments.
- **Delete:**
 - **Courses or Assignments:** Teachers can remove outdated courses or assignments from the platform.
 - **Messages:** Users can delete old messages that are no longer needed.

IMAGES





Dear Unified Mentors Team,

I hope this message finds you well. I am reaching out with great enthusiasm to express my interest in contributing to your projects. I am passionate about technology and eager to apply my skills in a collaborative environment. Working with your team would be an invaluable opportunity for growth and learning.

Thank you for considering my request. I look forward to the possibility of contributing to your innovative work.

Best regards,
Ashish Sahu