

Online Learning Platform

This project report is submitted to
Yeshwantrao Chavan College of Engineering
(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj)

22CSE552 – OE II: Introduction to Web Technology

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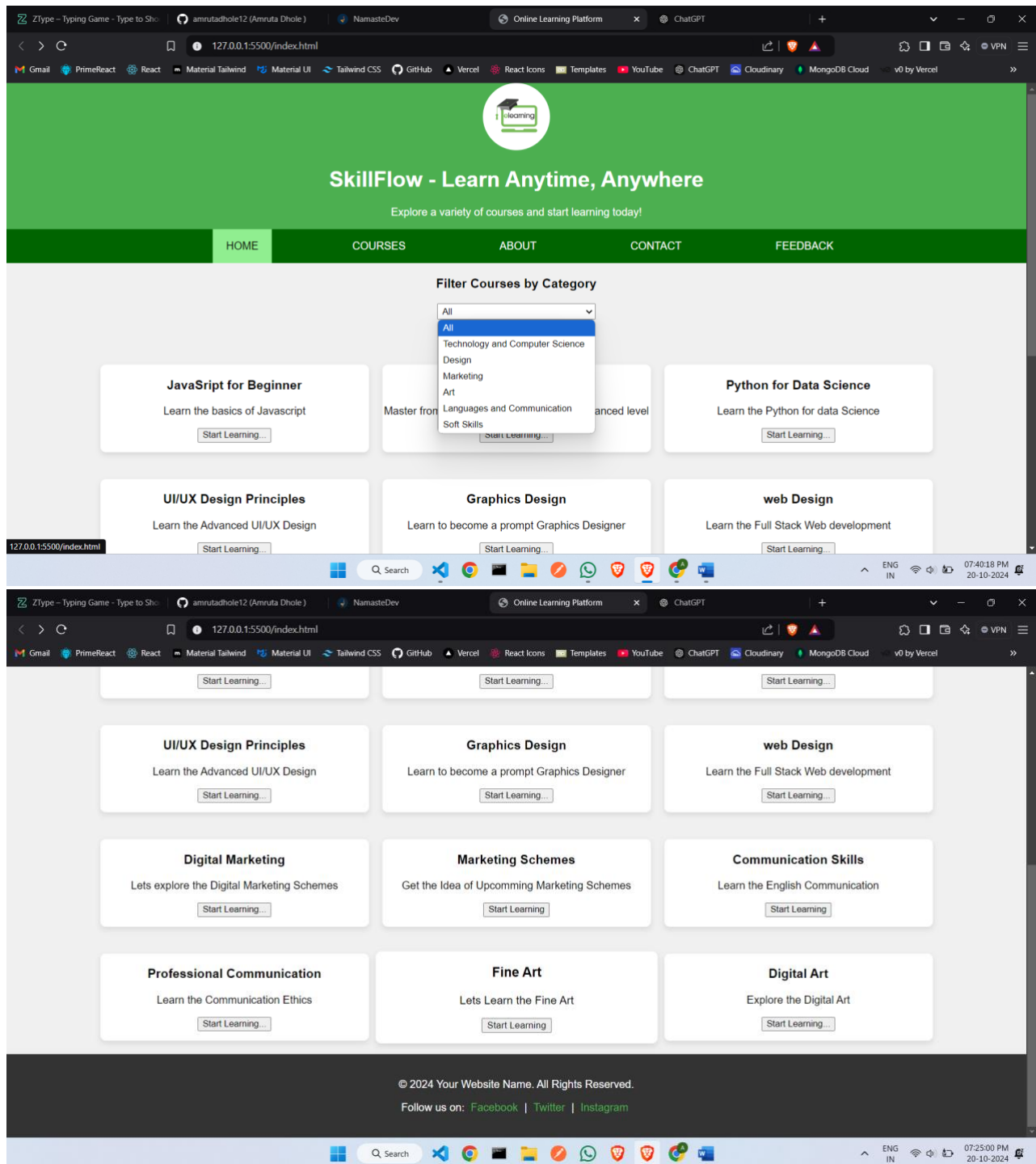
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Online Learning Platform

Introduction

The Online Learning Platform is a web-based application designed to offer accessible and flexible educational content to users. This platform enables students and professionals to enhance their skills through a variety of courses, including video lectures, quizzes, and interactive modules. Built with user-friendly navigation, it allows users to easily browse through different categories, enroll in courses, and track their progress. The project leverages modern web technologies such as HTML, CSS, JavaScript, and to ensure a responsive and engaging learning experience across devices.

Front Page & Home Page



The front page of the online learning platform serves as the primary gateway for users to access educational resources, courses, and learning tools. It has been designed to be both visually appealing and user-friendly, ensuring that students, educators, and visitors can navigate the site with ease. Key components of the front page include:

Header Section: The header features the platform's logo, navigation menu (Home, Courses, About Us, Contact), and a prominent call-to-action (CTA) button for easy registration or course enrollment.

Body Section: Course Cards Overview

The body section of the online learning platform is structured to display a variety of course offerings in the form of multiple cards, creating a clean, user-friendly browsing experience. These course cards provide essential details about each course, allowing users to quickly evaluate and select courses that align with their interests and needs. The layout ensures that courses are easily accessible and visually appealing, contributing to a streamlined user journey.

Footer: The footer section contains important links such as Privacy Policy, Terms of Service, and social media icons, along with a newsletter sign-up option for users to stay updated with the platform's latest offerings.

The overall design focuses on simplicity, clarity, and accessibility to ensure that users can easily access learning materials, making their journey into online education seamless and engaging.

JavaScript for Beginner

Learn the basics of Javascript

Start Learning...

Single Card Description: The course card is having name of the course which is user want to learn with some description and also consist of the button having the name *Start Learning...* by click on is user can explore the course and can learn from the various YouTube tutorials.

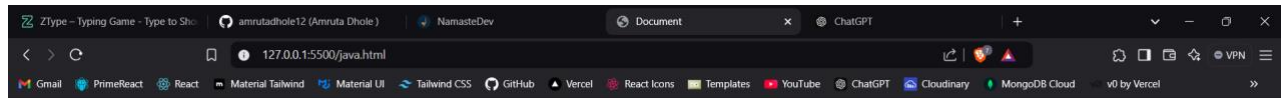
Filter Courses by Category

All ▼

- All
- Technology and Computer Science
- Design
- Marketing
- Art
- Languages and Communication
- Soft Skills

Start Learning...

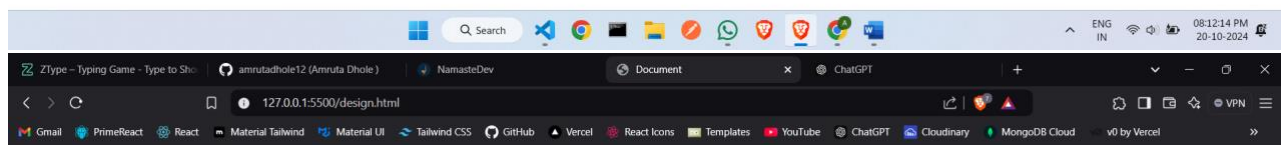
The Dropdown is use in the online learning platform website which consist of various categories of the courses so that the user can select the course by category and save the time to search the course which he/she wants to learn from the cards.



What is JavaScript?

JavaScript is the Programming Language for the Web. JavaScript can update and change both HTML and CSS. JavaScript can calculate, manipulate and validate data.

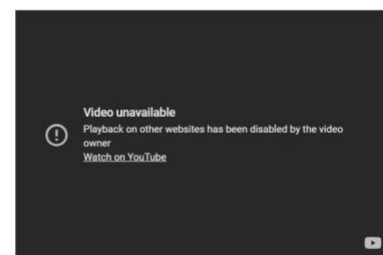
JavaScript is a lightweight, cross-platform, single-threaded, and interpreted compiled programming language. It is also known as the scripting language for webpages. It is well-known for the development of web pages, and many non-browser environments also use it. JavaScript is a weakly typed language (dynamically typed). JavaScript can be used for Client-side developments as well as Server-side developments. JavaScript is both an imperative and declarative type of language. JavaScript contains a standard library of objects, like Array, Date, and Math, and a core set of language elements like operators, control structures, and statements.



What is UI/UX Design?

User interface (UI) and user experience (UX) are two words that you might hear mentioned frequently in tech circles (and sometimes interchangeably). But what do the terms actually mean, and what does it mean to be a UX or UI designer?

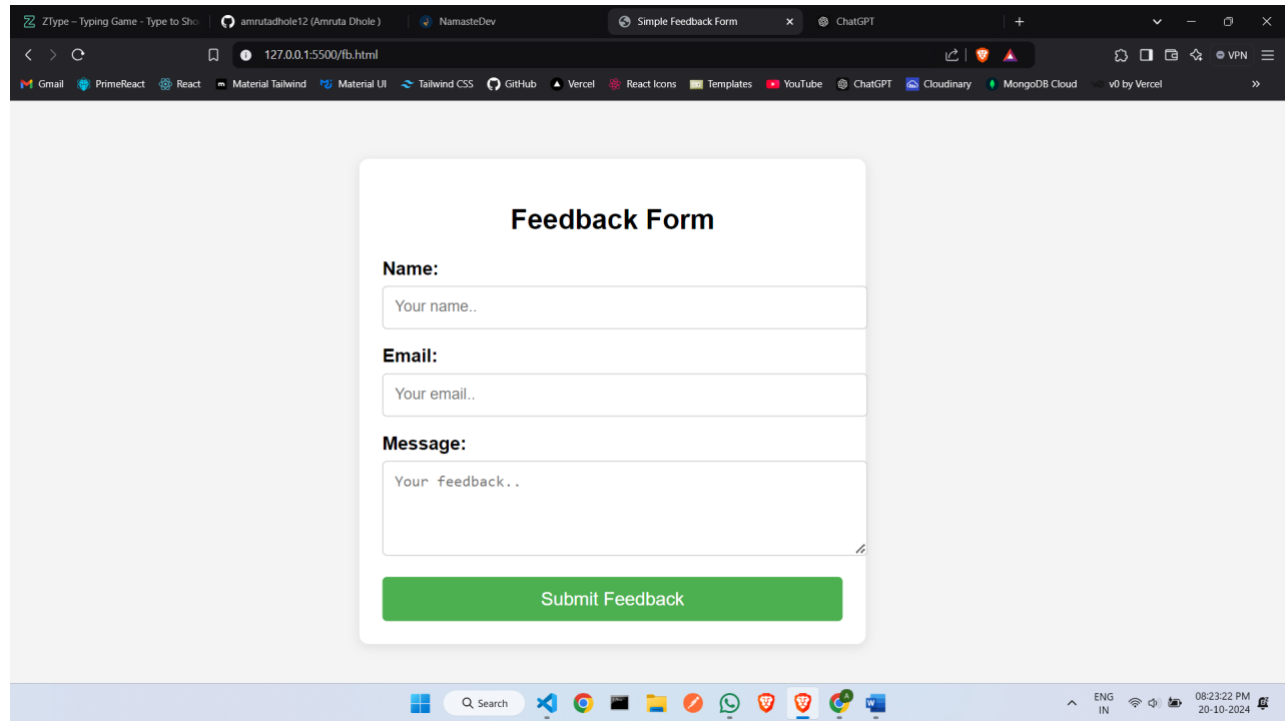
UI refers to the screens, buttons, toggles, icons, and other visual elements that you interact with when using a website, app, or electronic device. UX refers to the entire interaction you have with a product, including how you feel about the interaction. While UI can certainly have an impact on UX, the two are distinct, as are the roles that designers play. In this article, we'll take a closer look at how the roles of UX designer and UI designer overlap and differ and how to know which you should pursue. Finally, we'll discuss options for getting started, even if you don't have previous qualifications or experience.



On clicking on the Start Learning button we get the above page in the same tab of the browser. This page consists of title of the course in the form of question and some the theoretical knowledge which user have to know before start the learning.

And it also consists of various YouTube tutorial which can easily access by the user. Here user can get complete knowledge of the course.

Feedback Page



The screenshot shows a web browser window with the title 'Simple Feedback Form'. The address bar displays '127.0.0.1:5500/fb.html'. The browser's tab bar includes 'ZType - Typing Game - Type to Sh...', 'amrutadhole12 (Amruta Dhole)', 'NamasteDev', 'Simple Feedback Form', and 'ChatGPT'. The browser's bookmark bar lists various services like Gmail, PrimeReact, React, Material Tailwind, Material UI, Tailwind CSS, GitHub, Vercel, React Icons, Templates, YouTube, ChatGPT, Cloudinary, MongoDB Cloud, and V0 by Vercel. The feedback form itself is a white card with a green border. It has a title 'Feedback Form' in bold. Below the title are three input fields: 'Name:' with a placeholder 'Your name..', 'Email:' with a placeholder 'Your email..', and 'Message:' with a placeholder 'Your feedback..'. At the bottom of the form is a green button labeled 'Submit Feedback'. The Windows taskbar at the bottom shows the Start button, a search bar, and several application icons. The system tray on the right indicates the language is 'ENG IN', the time is '08:23:22 PM', and the date is '20-10-2024'.

The Feedback page is added in the online learning platform website to get the user experience. The Feedback Page is a critical component of our website, designed to enhance user engagement and improve the overall user experience. This page serves as a dedicated platform where users can share their thoughts, suggestions, and experiences related to our services.