Course Outline for Web Development

**Week 1: Introduction to Web Development**

- What is web development?

- Setting up a basic development environment

- Assignment 1: Create a simple HTML webpage introducing yourself.

- Assignment 2: Research and presentation on (HTML, CSS, JavaScript)

**Week 2: HTML Basics**

- Understanding HTML tags and elements (e.g., <html>, <head>, <body>, <h1>, <p>).

- Creating headings, paragraphs, links, tables, and forms.

- Assignment 1: Build a personal webpage with multiple HTML elements.

- Assignment 2: Build a blog post using multiple HTML elements.

**Week 3: CSS Fundamentals**

- Introduction to CSS and styling

- Adding colors, fonts, and backgrounds

- Assignment 1: Style your HTML webpage using CSS.

- Assignment 2: Designing a Recipe Card and style the blog post.

**Week 4: More CSS and Page Layout**

- Box model and positioning

- Creating a basic webpage layout

- Assignment 1: Design a multi-page website with CSS.

- Assignment 2: Interactive Quiz App (HTML and CSS).

**Week 5: Introduction to JavaScript**

- Basics of JavaScript: variables, data types, and operators

- Adding interactivity to your webpage

- Assignment 1: Create a simple JavaScript-powered interactive element.

- Assignment 2: Interactive Quiz App (HTML, CSS and JavaScript).

**Week 6: JavaScript Functions and Events**

- Writing and using functions

- Exploring If statements and Loops

- Handling user events (click, hover, etc.)

- Assignment: Build a mini- guessing game.

- Assignment: quiz using JavaScript.

**Week 7: Web Forms and Validation**

- Creating HTML forms

- JavaScript form validation

- Assignment: Design a contact form with client-side validation.

- Assignment 2: Build a potfolio

**Week 8: Responsive Web Design and Hosting**

- Introduction to responsive design

- Making your webpage mobile-friendly

- Assignment: Make your webpage responsive and publish it online.

-- Assignment 2: Complete potfolio and publish it online.

Grading:

- Weekly assignments: 60%

- Participation and engagement: 40%