

## TASK-4

### E-Learning Platform UI.

#### Objective :-

The goal of this task is to design a front-end interface for an E-Learning platform that allow user to

- Browse available courses
- Watch or Selected course video
- Track their progress visually.

#### Concept Overview :-

HTML : Defines the layout and content of the web pages

CSS : provides the visual appearance - colors, spacing, fonts and responsive design.

Script : Add dynamic behaviour - e.g. progress bar update, button action.

Multi-page UI : The project use separate HTML files linked through navigation.

Responsiveness : The UI adjusts to different screen sizes using flexible containers and layout rules.



## Features Implemented

### 1. Home page (index.html)

- Display a list of courses
- Each course has a title, description, and "View course" button.
- Clicking on a course opens its details page.

### 2. Course Detail page (course.html):

- Embeds a youtube video lecture.
- Shows a progress bar to indicate learning progress.
- Include a "Mark as completed" button that increases progress dynamically.

### 3. Progress Bar:

- Initially 0%.
- Each click on the button increases it by 25% until it reaches 100%.

### 4. Simple & clean UI:

- Orange header and buttons for visual consistency.
- White course cards with shadows to stand out.
- Minimalistic and user-friendly layout.

## Technologies Used:

- HTML 5
- CSS 3
- JavaScript (ES6)



HTML :-

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <title> E-learning platform </title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <header>
      <h1> E-learning platform </h1>
    </header>
    <section class="Course-List">
      <h2> Available Course </h2>
      <div class="Course-Card">
        <h3> Web Development Basics </h3>
        <p> Learn HTML, CSS & Java Script from Scratch </p>
        <a href="Course.html"> View Course -> </a>
      </div>
      <div class="Course-Card">
        <h3> python programming </h3>
        <p> Beginner - friendly python programming lessons </p>
        <a href="Course.html"> View Course -> </a>
      </div>
    </section>
  </body>
</html>
```

## 2. Course.html

HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title> course Details </title>

<link rel="stylesheet" href="style.css">

<script src="Script.js" defer> </script>

</head>

<body>

<header>

<h1> web Development Basics </h1>

</header>

<section class="video-section">

<iframe width="560" height="315"

src="https://www.youtube.com/embed/920aGtYrrhU"

allow fullscreen> </iframe>

</section>

<section class="progress-box">

<p> progress </p>

<div class="progress-bar">

<div id="progress-fill"> </div>

</div>

<button onclick="increaseProgress()">

Mark as Completed </button>



</section>

</body>

</html>

### 3. Style.css (styling)

css

body {

font-family: Arial, Sans-serif;

margin: 0;

background: #f2f2f2;

}

header {

background: #ff5e42;

padding: 15px;

text-align: center;

color: white;

}

course-list {

padding: 20px;

}

course-card {

background: white;

padding: 15px;

margin: 10px 0;

border-radius: 8px;

}

course-card a {

text-decoration: none;

color: # ff5e42;

font-weight: bold;

{

video-section {

text-align: center;

margin-top: 20px;

{

padding: 10px;

width: 300px;

height: 20px;

border-radius: 10px;

background: # ddd;

margin: 10px auto;

}

# padding-fill {

height: 100%;

width: 0;

background: # 28a745;

border-radius: 10px;

}



#### 4. Script.js (progress Tracking)

JavaScript

```
let progress = 0;
```

```
function increaseProgress () {  
  if (progress < 100) {
```

```
    progress += 25;
```

```
    document.getElementById("progress-fill").style.width =
```

```
    progress + "%";
```

```
  }
```

```
}
```


Output :-





# E-Learning Platform



 Home

 **My Courses**

 Resources

## All Courses

Course 1

Course 2

Course 3

## Current Progress



## Course Videos



Video 1