WT Lab Task 1

Note : This Lab Task is to Recap your basics in HTML and CSS , so don't use any ChatGPT or any other AI tool to complete the Task , just Try it On Your Own (TOYO) - check your Potential.

You can also create your own website for your own business idea or any idea that you wanted to work on.(Not mandatory to choose one from these). -

Understand a website / webpage layout - know the names of each website element / section or block clearly.

Gather requirements accordingly.

✅ 1. Real-Time Platform Clone Website Ideas (UI Design Only)

Students design only the interface, not functionality.

1. Email Client UI (like Gmail)

2. Social Media Feed UI (like Instagram)

3. Cloud Storage Dashboard (like Google Drive)

4. Online Video Platform UI (like YouTube)

5. Music Streaming App UI (like Spotify)

6. Professional Networking Site UI (like LinkedIn)

7. Chat Application UI (like WhatsApp Web)

8. Online Classroom UI (like Google Classroom)

9. Video Conferencing Tool UI (like Zoom)

10. Portfolio Builder Tool

✅ 2. Utility & Tool-Based Websites (Static UI)

1. PDF Converter Website

2. Image Compressor Tool

3. Online Resume Builder

4. AI Tools Suggestor Website

5. Online Code Editor UI

6. QR Code Generator UI

7. Password Generator UI

8. Weather Dashboard UI

9. Currency Converter UI

10. Online Calculator Hub

✅ 3. Business & Commercial Website Ideas

1. E-Commerce Website (E-Cart)

2. Online Electronics Store

3. Clothing Brand Website

4. Sales & CRM Dashboard

5. Digital Marketing Agency Website

6. Startup Company Website

7. Product Landing Page

8. Service Booking Website

9. Freelancer Hiring Platform

10. Online Advertising Agency Website

✅ 4. Transport, Logistics & Location Based Systems

1. Logistics Tracking Website

2. Courier Management System UI

3. Rapido / Uber Bike UI

4. Public Transport Route Website

5. Campus Shuttle(mini van/bus) Tracking UI

6. Smart Parking System UI

7. Fleet Management Dashboard

8. Delivery Partner Portal

9. Maps & Navigation UI

10. Vehicle Rental Website

✅ 5. Food, Dining & Hospitality Websites

1. Restaurant / Dining Website

2. Online Food Ordering UI (Swiggy/Zomato style)

3. Hotel Booking Website

4. Café Website

5. Event Catering Website

6. Cloud Kitchen Website

7. Food Recipe Website

8. College Canteen Online Menu

9. Table Reservation Website

10. Food Review Platform

✅ 6. Education & Student Utility Websites

1. Online Learning Platform

2. College Department Website

3. Student Attendance Portal UI

4. Online Examination Portal

5. Virtual Lab Website

6. Placement Training Portal

7. Scholarship Information Portal

8. Library Management UI

9. Student Result Portal

10. College Event Management Website

✅ 7. AI & Emerging Tech Theme Websites (UI Only)

1. AI Tools Directory Website

2. AI Chatbot Landing Page

3. Smart Healthcare Dashboard

4. Smart Agriculture Website

5. Smart City Portal

6. IoT Device Monitoring UI

7. Cybersecurity Awareness Website

8. Machine Learning Course Website

9. Robotics Lab Website

10. Tech News Aggregator Website

✅ 8. Government / Social Impact Websites

1. E-Governance Portal UI

2. Blood Donation Website

3. Disaster Management Portal

4. Public Grievance Website

5. Women Safety App Website

6. NGO Donation Platform

7. Farmer Support Portal

8. Job Portal

9. Voter Awareness Website

10. Digital India Information Portal

✅ How Students Must Work (Lab Task Instructions You Can Give)

 ◆ Step-1: Select Project Theme

Choose ONE real-time website idea from the above list.

◆ Step-2: Requirements Gathering

Students must identify:

• Target users
• Purpose of the website
• Main features
• Pages required
• Inputs & outputs
• User interaction flow

◆ Step-3: Prepare SRD Document

Each SRD must include:

1. Project Title

2. Problem Statement

3. Objective

4. Existing System

5. Proposed System

6. Functional Requirements

7. Non-Functional Requirements

8. Software & Hardware Requirements

9. Page Structure

10. Target Users

◆ Step-4: Design Layout / Prototype

Using any ONE tool:

• Figma
• Adobe XD
• Balsamiq
• Draw.io
• Canva
• Paper Sketch (Scanned)

Students design:

• Homepage
• Login/Signup page
• Dashboard
• One inner content page

◆ Step-5: HTML & CSS Implementation

Implement:

• Proper layout
• Header, Navigation, Footer
• Responsive design
• Use of Flexbox/Grid
• Industry-style UI

- ◆ Step 1: GitHub Account Creation

Each student must create a GitHub account using their College Email ID only.

Personal email IDs are not permitted for lab submissions.

- ◆ Step 2: Repository Creation

After successful sign-up, each student must create ONE repository only with the following naming convention:

> ✅ WTLab_StudentIdNumber
OR
✅ WTLab_StudentName

Example:

WTLab_22CS045

WTLab_Rahul

⚠️ Repository name must strictly follow this format for uniform evaluation.

- ◆ Step 3: Task-wise Project Creation

For each lab task, students must create a separate project folder inside the same repository using the following format:

> ✅ Task01_TaskTitle

Example:

Task01_LoginSignup

Task01_PortfolioWebsite

Task01_ECommerceUI

 ◆ Step 4: File Upload & Commit Rule

Inside each task folder, students must upload:

index.html

style.css

After completing the task, students must commit their changes with the following mandatory commit message format:

> ✅ Lab-Task1 completed

 ◆ Step 5: Same Procedure for All Tasks

The same procedure (Step 3 & Step 4) must be followed for all future lab tasks.

Each task must have:

A separate folder

A separate commit

A proper task-wise project structure

✅ Important Guidelines

Students must work only with HTML and CSS for this lab.

No JavaScript, backend, or frameworks are allowed.

Only one repository per student must be maintained for the entire semester.

Proper commit history will be considered during evaluation.

Any deviation from the naming conventions may lead to submission rejection.