Advance Web Programming
Assignment 1 (Fall 2025)

Submission Deadline: 21st October 2025 – 11:59 PM   **Marks:** 10

Submission Mode: Upload the zipped folder on the ODOO Portal

Assignment Overview

Create a **React-based Single Page Portfolio Website** containing the following sections as reusable components:

1. Project Setup

- Create a new React app using **Vite**.
- Remove unnecessary default files (logo, test files, etc.).
- Maintain a clean folder structure (e.g., components, assets, etc.).

2. Components

Create **at least 5 functional components**:

Component	Description
Header	Contains your name and navigation menu (Home, About, Projects, Contact).
About	Displays a short bio, your area of interest, and an image.
ProjectCard	A reusable component that shows project title, description, and a "View Details" button. Use **props** to pass project data.
Projects	Renders multiple ProjectCard components using an array of project objects.
Footer	Contains contact info or social media links.

3. JSX & Styling

- Use **JSX expressions** to dynamically display your name, interests, or project details.
- Use **Tailwind CSS** for styling (you may combine it with inline or CSS modules).
- Add at least **one hover effect** using Tailwind CSS.

Technical Requirements

- Use **functional components only** (no class components).
- Use **import/export** correctly (default and named exports).
- Use **Vite + React + Tailwind CSS** setup.
- Keep your code **clean, properly indented, and commented**.

Submission Instructions

- Submit a **zipped folder** of your project (including package.json).
- Do **not** include the node_modules folder.
- Submit a **zipped folder** named as:
  RegistrationNumber_Name
  Example: **L1F23BSSE0001_ZainAsghar.zip**

Rubric (Total 10 Marks)

Criteria	Description	Marks
React Setup & Folder Structure	Proper use of Vite setup and clean project organization	2
Components Implementation	At least 5 functional components created and reused effectively	3
JSX Usage	Correct and meaningful use of JSX expressions	2
Styling (CSS/Tailwind)	Proper application of styling and hover effect	2
Code Quality & Readability	Clean, organized, and well-commented code	1
Total		**10**

GOOD LUCK!