



**Software Engineering
Lab1 – Web Architecture**

Objective

The objective of this lab is to provide you with a hands-on understanding of web architecture, focusing on the interaction between front-end (FE) and back-end (BE) systems using APIs. By building upon a pre-existing project structure.

Requirement

You are provided with two folders, FE/BE. Your objective is to address all the TODOs within both projects to ensure all functionalities are operational. The initial files contain an employee table connected to the backend (BE), retrieving static data. Your task is to implement the **Create**, **Delete** and **Update** functionalities.

Student name: write_your_name_here

Student ID: write_your_id_here

Add Employee

Name	<input type="text" value="Enter name"/>
ID	<input type="text" value="Enter ID"/>
<input type="button" value="Submit"/>	

Update Employee

Employee ID	<input type="text" value="Enter existing employee ID"/>
New Name	<input type="text" value="Enter new name"/>
<input type="button" value="Update"/>	

ID	Name	
1	Mohamed Sayed	<input type="button" value="Delete"/>

Instructions:

- Go to [this repo](#)
- Fork your own copy of the repo and then clone it
- Read instructions in **read.me** file to run both projects
- Work in **pairs** or **individual**.
- **You have to submit your work using GitHub.**

Acceptance Criteria:

- Create Functionality (5 grades) (3FE - 2BE)
- Delete Functionality (5 grades) (3FE – 2BE)
- Update Functionality (5 grades) (3FE – 2BE)