

### **Faculty of Sciences /Computer Dept.**

#### React Exam (Spring/2022-2023)

Code: EXM-FR 02/1

ED:2.1

### **CSCI315 – Web Application Development**

Instructor Name: Abdullah Abbas Exam Type: Computer Based Booklet Needed: No Section: A Allowed Tools: Lab Exercises Exam Date:29-May-23

Exam Time: 3:45 pm – 5:45 pm Grade: ....../100

#### Introduction

You are required to create a CRUD React website consisting from 4 pages that use API requests as described below.

The website manages/shows information about a list of posts.

When you finish you have to compress all your files and submit it to Moodle.

### Which API to Use?

You will use the following API base URL:

https://jsonplaceholder.typicode.com/

This API supports GET, POST, PATCH, and DELETE requests.

**/posts** Gets the list of posts

/posts/1 Gets the post whose ID is 1

Each post has an id, a title, and a body. A JSON response for a post looks as follows:

```
"id": 1,
   "title": "aaa",
   "body": "Some text here."
}
```

Note: Data will not be really updated or deleted from the server when you try to do so. Write your code assuming that it will happen, but it will not really happen.

## **Getting Started**

Prepare your React environment to start developing the website.

Make sure you install Bootstrap, Axios, SweetAlert2, and any other tools you may need.

Organize your files and folders properly. The names of the files corresponding to your pages MUST be as follows:

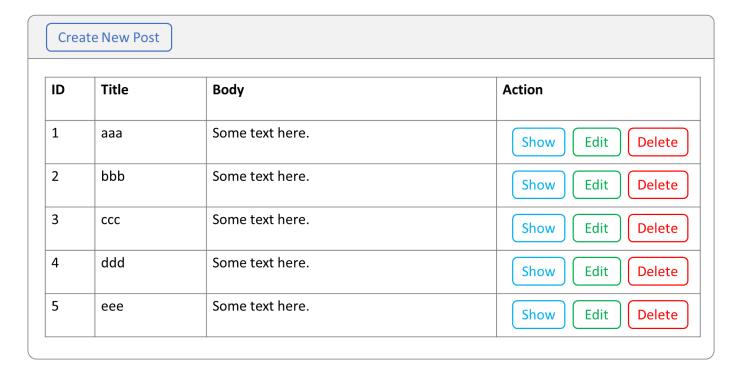
- PostList.js
- PostShow.js
- PostCreate.js
- PostEdit.js

## Final Result of your Website

Your website should consist of 4 pages that looks as shown in the following images.

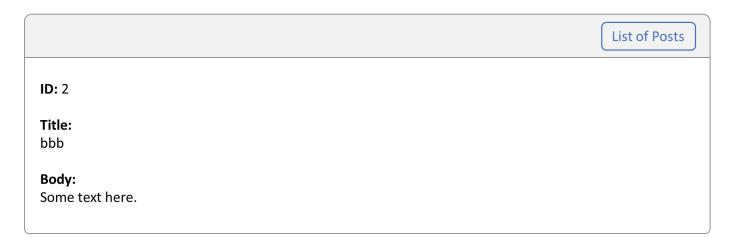
#### **Index Page:**

#### **List of Posts**



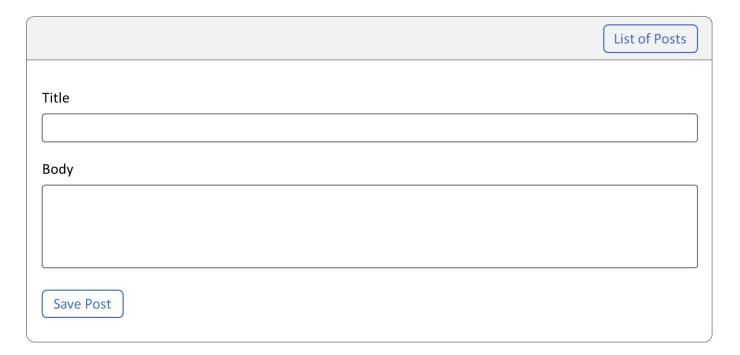
## **Show Page:**

## **Post Details**



### **Create Page:**

# **Create New Post**



## **Edit Page:**

# **Edit Post**

	List of Posts
Title	
Body	
Update Post	