University of Rajshahi
Dept. Of Computer Science and Engineering
B. Sc. Engineering. Part-2 (Even Semester) Examination 2023
Course: CSE2252 (Web Application Development Lab)

Group-2

Use Git to clone the following repository into your computer.
https://github.com/m-r-kushal/lab_2252_b.git

1. In the cloned repository, open the **task1** folder. Edit the *index.html* file and perform the following DOM manipulation using JavaScript:

   a) Write a click event handler to the **"Change Background Color"** button to change the background color of the <body> to **#CCCCFF**

   b) Write a click event handler to **"Add List Item"** button to append a new <li> with the text **"Item n"** to the <ul>. (Here **n** = current list Item count +1)

   c) Add a **keyup** event listener to the input field so that as you type, the text inside <div id="output"> updates to match the input.

2. **task2** folder contains a skeleton React Application for the **Meal Info**.

   a) Install the project dependencies and run the React app

   b) Update "`src/pages/CategoryPage.jsx`" page-component so that when user clicks **"View Meal Categories"** button, the app will asynchronously call *API-1* (details below) to fetch all meal categories and displays them on the page. A possible template for Meal Category is given in the page as "Example food category template".

   c) When user clicks **"View Food"** link at the bottom of each food category, all meals belonging to that category should be displayed on a separate page component. To fetch all meals for a given category, use **API-2**.

API Details:

API-1: List of Meal Categories
    Call Signature: https://www.themealdb.com/api/json/v1/1/categories.php

API-2: Meals By Category
    Call Signature: https://www.themealdb.com/api/json/v1/1/filter.php?c={category}
        Example: https://www.themealdb.com/api/json/v1/1/filter.php?c=Seafood

NB: The use of AI tools to auto-generate code during exams is strictly prohibited and considered a punishable offense. If such tools are installed in your code editor, you must disable or remove them. However, you may use online documentation for assistance.