PE\_FE201M\_FA22

FALL 22

Subject: FE201M

Duration: 85 minutes

**INSTRUCTIONS**

**Please read the instructions carefully before doing the questions.**

* You are **NOT allowed** to use any other materials. You are **Not allowed** to use any device to share data with others.
* You must use IDE as **Visual Studio Code,** for your development tools.
* You must use the **Material design**.

Create a new React application using npx create-react-app your-roll-number.

***Task 1. Create a new resource and supply data for your application.***

1. (0.25 mark) Create a new resource named news in *mockapi.io* and **declare a Schema**.
2. (0.25 mark) Edit/replace data for news resource. Copy the content of **data.json** file.

***Task 2. Implement some actions in public routes.***

1. Create a Navbar for navigating all the routes in your application. Including: **Home**, **Top News**, **Contact** and **Sign in**. (*install react-router-dom library*)
2. At **Home** route. When you click to detail button or title link, the view switch to **detail** route.
3. At detail route, display all the information. Design and arrange this component as good as possible.

***Task 2. Implement some actions in private routes.***

1. Build the login with Google account action. Check if login successfully, redirect to **dashboard** route. Replay the Sign in link of Navbar to your email from Google.
2. Check if login successfully, at **dashboard** route. Each of row must contain the links or icons for CRUD actions.

. ***-The end of test-***