

Please read the following instructions carefully before actually writing the code.

Deadline: 15th June,2023 2:00pm

Assignment:

1. Your Homepage will contain two tabs. User and Employees.
2. The 'User' tab will contain an admin user list and the "Employees" will contain an employee user list.
3. Inside the tab, place a button component to add an User. Also, there must be a data-table to show the corresponding user data. We must be able to search through the data. 3rd party libraries are allowed.
4. The Add User button will open a modal.
5. Modal will contain the a form to save user data.
6. Place a Details button on every row which will route to the user details page of the employee.
7. Place an Edit button on the Details page which will be used to update the user data.

Instructions:

1. You must use Material UI for UI implementation.
2. You must use formic and proper form validation library to validate the form.
3. Show division, district dropdown fields based on employee user selection only.
4. Make API call for district/division only if user type is an employee
5. District selection will work based on Division selection
6. Make sure, the user add modal is a separate component and communicates with the user list component after every action.
7. Admin user and Employee user list API should be called separately after selecting a specific Tab element (no initial load).
8. Make the best use of Reusable component (input, select, tab, list).
9. Limit API calls as much as possible.
10. Keep the code simple.
11. You'll share your GitHub repository to share the code with us. So, commit early, commit Often.

API:

Division: <http://59.152.62.177:8085/api/Employee/Division>

```
{
  "isSuccess": true,
  "message": "Successfull",
  "readDivisionData": [
    {
      "divID": 2,
      "divisionName": "Chittagong"
    },
    {
      "divID": 3,
      "divisionName": "Dhaka"
    },
    {
      "divID": 4,
      "divisionName": "Khulna"
    },
    {
      "divID": 5,
      "divisionName": "Mymensingh"
    }
  ]
}
```

District: <http://59.152.62.177:8085/api/Employee/District/{DivisionId}>

```
{
  "isSuccess": true,
  "message": "Successfull",
  "readDistrictData": [
    {
      "districtID": 1,
      "districtName": "Barguna"
    },
    {
      "districtID": 2,
      "districtName": "Barisal"
    },
    {
      "districtID": 3,
      "districtName": "Bhola"
    }
  ]
}
```

Employee Info: <http://59.152.62.177:8085/api/Employee/EmployeeData>

```
{
  "isSuccess": true,
  "message": "Successfull",
  "readEmployeeData": [
    {
      "empID": 3,
      "firstName": "Armans",
      "lastName": "Salehin",
      "employeeType": "Employee",
      "divisionId": 1,
      "districeID": 2,
      "disvision": "Barisal",
      "district": "Barisal"
    },
    {
      "empID": 6,
      "firstName": "Arman",
      "lastName": "Saleh",
      "employeeType": "Employee",
      "divisionId": 1,
      "districeID": 3,
      "disvision": "Barisal",
      "district": "Bhola"
    }
  ]
}
```

Create Employee: <http://59.152.62.177:8085/api/SaveEmployeeInformation>

Request Body:

```
{
  "firstName": "string",
  "lastName": "string",
  "employeeType": "string",
  "districeID": 0
}
```

Update Employee: <http://59.152.62.177:8085/api/UpdateEmployeeInformation/{EmpID}>

Request Body:

```
{
  "firstName": "string",
  "lastName": "string",
  "employeeType": "string",
  "districeID": 0
}
```