

Exercise 4

React Frontend Development

1. Download the React application **studentapp** from the Moodle, extract it, and place it on the Desktop.
2. Add this folder as a workspace in Visual Studio Code.
3. Execute the command to run the react application.
4. Edit the **"StudentsList"** component to import student details from **"StudentsData.js"** where the student information is organized as an array of objects. The component should render all the student details in a table. Use map method and arrow function.
5. Apply the Bootstrap classes to style the **StudentList** tables. To apply Bootstrap,
 - a) Install the bootstrap in your app.
npm install bootstrap
 - b) Import the bootstrap file in **index.js**
import 'bootstrap/dist/css/bootstrap.css'
6. Edit the **"Header"** component, so that it displays the **"Student List"** as the heading. Change the color of the heading using the Bootstrap class.
7. Edit the **"App.js"** file to render all components according to the provided wireframe, apply the essential Bootstrap classes to ensure the proper display.

Header Component
StudentList Component
Footer Component

8. Compress the application using 7-Zip and then upload it to the provided link in Moodle.

Student List			
s26j123	Asma Abdullah	Diploma	asma@gmail.com
s26j156	Bilal Ahmad	Advanced Diploma	bilal@gmail.com
s26j567	Qadir Nasser	Advanced Diploma	Qadir@gmail.com
s26j878	Ali Munir	Diploma	ali@gmail.com
s26j4534	Mustafa Ahamed	Advanced Diploma	mustafa@gmail.com
s26j545	Abdubacker Hilal	Diploma	hilal@gmail.com
s26j765	Anwar Mohamed	Advanced Diploma	anwar@gmail.com
s26j4534	Niyaz Ali	Diploma	niyaz@gmail.com

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