React with NodeJs

* Project is built in React frontend and NodeJs backend.
* For API resource I have taken Student for CRUD operations.
* In react front end src\components folder we have 4 components mainly studentlist, create student and edit student. For students data access and links in header are protected with AuthenticatedRoute.js which checks if user is login or not and all other links are redirected to login page.
* We used axios to make api call to node server and fetch/update data to server in mongodb via nodejs
* To login to react app please use following credentials:

Email: [basic@gmail.com](mailto:basic@gmail.com) Passowrd:basic (basic role)

Email: [admin@gmail.com](mailto:admin@gmail.com) Password:admin (Admin role)

Once looged in we set local storage for user and which is also sent to Api

* To start react front end. Please go to root folder in terminal and write command npm start
* In project root folder there is a backend folder which contains all files for nodejs server
* We used mongodb for database side and all routes are defined in routes/route.js
* We used AccessControl package in node for RBAC and based on that api provides response. All setting for basic and admin role are defined in role.js
* Upon the Api request it checks if reuqest is made by basic user or admin user and provides response.
* There are 2 model files student.js for api resource and user.js for users to login. Password is encrypted using package bcrypt and stored in database
* To start the nodejs server please go to /backend folder in command line write node index.js