

Emerging Technology Lab

Assignment 10

Authentication, Custom Middleware, Context API

1. Add authentication features to the project created in Assignment-9. Add API end points and React pages for Registration and Login. Use a separate collection called **Admin** in MongoDB with attributes like Name, email, mobile and Password, which will be used for authentication details.
2. Use JWT token based authentication. If the user is logged in successfully, return a JWT token from the backend. Store the JWT token in local storage of browser for further uses.
3. Design a custom middleware in the backend, which will help us to design the protected routes for backend. Protect all the routes (accessible after login only) of assignment-9.
4. Use context API in the React application to protect the frontend routes and maintain logged in user's information at a central place.