Sign In sequence

User sign in to open a session (his session) to be stred in his client (web browser) through Cookies. One cookie contain user own data (but not safety private one), and an othe httpOnly Cookie contain a token and a user.id to confirm the access to private pages.

www

Browser
React client side Frontend

Express web server (Backend)

MongoDB server
db: SourceCodeMaker
collection: [users, roles]

SignIn.component

Form
submit
onClick

Fetch POST --JSON-- =>
{[username|email], hashed_passwd}

authenticate
router.post
(/api/auth/signin)

Authenticate(hashed_passwd)
- check user.validated(true)
- Role.findOne(user.role_id)
*add role inside user.role
return user JSON

User.findOne =>
{[username|email], hashed_passwd}

user
error

Role.findOne =>
{user.role_id}

role
error

Cookie(httpOnly) { JWT token {user.id} }
JSON { user: user }

JSON {error: error}

then set
UserContext with
JSON user object

Modal
errror
message

Redirect
/profile/user.username

Profile.component

show form with user default values
and ability to Edit profile