Sign Up sequence

User sign Up to create a user account. This account (User) is create inside a MongoDB database by the Express server who receipt the frontend form entries submited.

Data from frontend form and at server side enty are controled in both side.

www

Browser
React client side Frontend

Express web server (Backend)

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

SignUp.component

Form
submit
onClick

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

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

-- parse/control JSON data
-- find default Role to get role_id
-- create User with role_id
return user JSON

Role.findOne =>
{name: "Reader"}

role_id

error

new User
JSON data and role_id

user

error

Modal
errror
message

success JSON message

error message
JSON {error: error}

Open swag dialog
box
print message

Redirect
Home page
or
Sign In page

Home.component