Frontend Developer

Build a table using ReactJS for displaying the following data:

TV Show		Details		
Name	**Type**	**Language**	**Genre(s)**	**Runtime**
The Snow Spider	Scripted	English	Drama, Fantasy	30
Snow	Scripted	English	Comedy, Family	120
Listening Snow Tower	Documentary	English	Drama	60
Snow Bind	Scripted	Chinese	Drama, Action, History	45
Snow Babies	Scripted	English	Drama	60
Snow Crash	Documentary	English	Nature	60
Snow White	Scripted	English	Drama, Science-Fiction	60
Snow Flower	Scripted	Korean	Drama, Comedy, Romance	80
Summer Snow	Scripted	Korean	Drama, Romance	85
Summer Snow	Scripted	Japanese	Drama, Romance	85

The table should include the following functionalities:

1) 1Sort TV shows by Name
2) Sort TV shows by Runtime
3) Filter TV shows by Type
4) Filter TV shows by Language
5) Search TV shows containing a specific genre

You can use any table libraries.
You can style the table however you want.

Backend Developer

Create an API server using Flask.

The backend should include a User database.
Each user has a unique username, hashed password and a list of roles.
The backend should include the following endpoints for user authentication.

/api/authenticate/register

POST { username, password, roles }
Adds the new user to the User database.

/api/authenticate/login

POST { username, password }
Checks if the user exists in the database and the user entered the correct password.
Returns a JWT token if the authentication is successful.

The backend should read in raw data from the csv file and store the data in a Movie database, then create a RESTful API for the frontend.

The frontend requires the following functionalities:

1) Sort Movies by Name
2) Sort Movies by Runtime
3) Filter Movies by Type
4) Filter Movies by Language
5) Search Movies containing a specific genre

Some examples include:

/api/movies
/api/movies?type=scripted
/api/movies?sortBy=runtime