I want to build an Tutoring SA app that will include the following:

\* User authentication and profiles

\* Activity logging and tracking

\* Team creation and management

\* Competitive leader board

\* Personalized workout suggestions

It should be in one app

generate instructions in this order

1. Create the frontend and backend in the tutoring\_sa directory structure of this repository in one command

2. Setup backend python venv and create a tutoring\_sa/backend/requirements.txt file

3. The tutoring\_sa/backend directory will store the django project and app with the name tutoring\_sa

4. The Django project tutoring\_sa directory will have all the backend components for the app

5. Create the django app directly in the directory tutoring\_sa/backend

6. Setup the tutoring\_sa/frontend directory will store the react app with no subdirectories

7. Install react framework

8. Install bootstrap and import it

9. Commands to install mongodb via 'apt-get'

10. Commands start mongodb with the 'sudo service mongodb start' and 'sudo service mongodb status'

The directory tree for the Tutoring SA App

tutoring\_sa/

├── backend/

│ ├── venv/

│ ├── tutoring\_sa/

│ │ ├── \_\_init\_\_.py

│ │ ├── models.py

│ │ ├── serializers.py

│ │ ├── settings.py

│ │ ├── views.py

│ │ ├── urls.py

│ │ ├── wsgi.py

│ │ └── asgi.py

└── frontend/

├── node\_modules/

├── public/

├── src/

├── package.json

└── README.md

Create a requirements.txt with the following Python required packages

Django==4.1

djangorestframework==3.14.0

django-allauth==0.51.0

django-cors-headers==4.5.0

dj-rest-auth

djongo==1.3.6

pymongo==3.12

sqlparse==0.2.4

stack-data==0.6.3

sympy==1.12

tenacity==9.0.0

terminado==0.18.1

threadpoolctl==3.5.0

tinycss2==1.3.0

tornado==6.4.1

traitlets==5.14.3

types-python-dateutil==2.9.0.20240906

typing\_extensions==4.9.0

tzdata==2024.2

uri-template==1.3.0

urllib3==2.2.3

wcwidth==0.2.13

webcolors==24.8.0

webencodings==0.5.1

websocket-client==1.8.0

All of the backend django app will be in tutoring\_sa and do NOT create another app of any kind

Use a Python virtual environment and install all python dependencies from file tutoring\_sa/backend/requirements.txt in this workspace

The tutoring\_sa/backend/requirements.txt already contains all Django requirements. Django, djongo, sqlparse

Layout the directory structure with no redundant backend and frontend subdirectories

Use bootstrap for the frontend

Let's think about this step by step