**ChatwithQA Project Setup**

**1. Postgresql Database :**

1. Download and install Postgresql using this link: <https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>
2. Open Postgres pgAdmin and create server:  
   Right-click on the Servers, select Register -> Server
3. Configure Following details in server  
   In General Tab: Name-> chat\_with\_qa  
   In Connection Tab: Hostname-> localhost  
    Port->5432  
    Username-> postgres
4. Click on Save

**2. Backend End - FastAPI:**

1. Download and nstall VsCode editor using this link:  
   <https://code.visualstudio.com/download>
2. Open chat\_with\_qa folder in vscode
3. Activate virtual environment using this cmd:  
   venv\Scripts\activate
4. Install required dependencies using this cmd:  
   pip install requirement.txt
5. Setup dependencies for PostgreSQL: Execute following cmd in terminal
   1. alembic init alembic
   2. alembic revision --autogenerate -m "first\_migration"
   3. alembic upgrade head
6. To run the project, give command in terminal
   1. Python main.py
7. To access all API, use this url:

<http://localhost:7000/docs>

1. **Front End - React:**
2. Download and install Nodejs using this link:  
   <https://nodejs.org/en/download>
3. Open chatwithqa-frontend folder in Vscode editor
4. Install all the required dependencies follow:-
5. npm install react-bootstrap bootstrap
6. npm install @mui/material
7. npm install react-icons --save
8. npm install react-router-dom
9. npm install axios
10. npm install react-toastify
11. To run project, give command in terminal: **npm start**