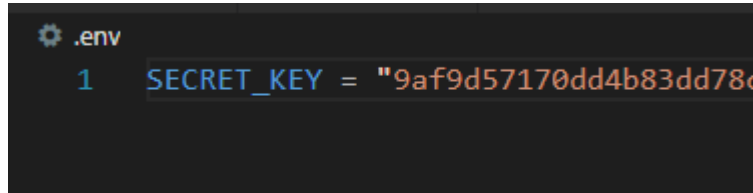


Backend Server Setup Guide

Setting up in VSCode

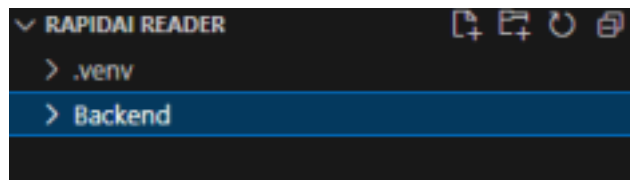
- 1) After you pull the files from github create a .env file for your secret key, this is going to be used to create secure web tokens with jwt. The file should look like the following:



```
.env
1 SECRET_KEY = "9af9d57170dd4b83dd78c"
```

You can paste the following command in your terminal to generate your own random key: `node -e "console.log(require('crypto').randomBytes(64).toString('hex'))"`

- 2) Create a Python virtual environment using the Command Palette (Ctrl + Shift + P) and typing "**Python: Create Environment**"
- 3) Choose Venv as your environment type, and choose your default Python interpreter. It will then ask you to select dependencies, you should select requirements.txt. This will automatically install all dependencies (however for future dependencies you maybe need to manually install them).
- 4) After the environment is created, a folder named .venv should be placed at the root of the directory as shown below:



Run the command `".venv/Scripts/activate"` to activate the virtual environment

- 5) Once these dependencies are running, change directory into the folder which contains the app.py file and run the server with the command: `python -m flask run --debug`

Setting up MongoDB

- MongoDB is required for the server to store any kind of user or document data and a local version can be setup using the steps below
- 1) Download and install the MongoDB Shell from the client [here](#). Downloading the 1.10.6 version is recommended.

- 2) Follow the instructions listed [here](#) for setting up MongSh on your respective OS.
- 3) Download and install the MongoDB Community Server [here](#)
 - a) Note, it is recommended you check the chart on this page [here](#), to see which version of the Community Server supports your OS. For example, if you run Windows 10, you can not run MongoDB 7.0 since it only supports Windows 11 and Server version
- 4) Personally I use MongoDB compass to view everything in the DB, I think it's a good GUI but you are free to just use the cmd if you want lmao.