***Accessing the backend***  
  
  
1st install all the proper dependencies.   
Python: https://www.python.org/downloads/release/python-3130/  
A screenshot of a computer screen

AI-generated content may be incorrect.  
I recommend the windows (64-bit) for python 3.13  
Install Windows ODBC 18:

https://learn.microsoft.com/en-us/sql/connect/odbc/download-odbc-driver-for-sql-server?view=sql-server-ver16  
  
A screenshot of a computer screen

AI-generated content may be incorrect.  
I recommend the windows x86. If you are on max or linux,   
A black screen with white text

AI-generated content may be incorrect.  
Click on the Download linux and MacOS, then find your OS download and download the proper version

Then download VS Code blue: <https://code.visualstudio.com/>

A screenshot of a computer

AI-generated content may be incorrect.  
  
Once downloaded and opened, you will now need to clone the GitHub repo to the VS code.   
  
Do this by saving TheNestExchange repo to a folder of your choosing and then open the folder inside of VS Code.   
Once this is done you will need to install a some add ons inside of VS Code.   
  
  
youll need to install Python  
A screenshot of a computer program

AI-generated content may be incorrect.  
You will also need to install MSSQL   
A black screen with white text

AI-generated content may be incorrect.  
Once everything is installed.   
  
Open up a new terminal and type cd backend  
this should take you to the backend file. Once there,   
youll enter python -m venv venv  
this will install a virtual environment.   
Now to launch the venv youll enter  
venv\Scripts\activate  
Once you do this, you should see the (venv) infront of the terminal ready for you to enter the next command. Inside of the venv the next install will be to do   
pip install -r requirements.txt Once this is finished installing you should be able to then run uvicorn main:app –reload (2 dashes in front of reload)  
  
Then the API should launch.  
  
***ACCESSING THE FRONT END***  
  
  
  
 Now, you can open up another terminal screen for the front end which all youll need to do is install the dependencies to do this you should only need to install is NPM so just put

npm install in the terminal line. Once everything is installed you should be able to run the front end with npm run dev. Then either click the link given, or type o and hit enter and it will launch the front end.  
  
Once inside of the front end you can login as an Admin using   
  
Username/UserID: Admin  
Password: AdminAdmin  
  
Once inside you can navigate through the tabs and the application including the admin features. The database is hosted in the cloud so linking to the DB will be done VIA the backend. So you can create, approve, reject, and delete listings, but you will not be able to claim as an admin to prevent admins claiming items before they are posted.  
  
You can log in as a regular user using the account   
Username/UserID: TestStudent1  
Password: TestStudent1  
  
Once in as a user you can navigate through creating a listing, and seeing listings which are currently available. You can also see listings you’ve claimed, what you have listed, and what you have sold.   
  
  
If there are any issues, please message me VIA email at [Rpowel57@students.kennesaw.edu](mailto:Rpowel57@students.kennesaw.edu) , Or by teams at the same email address.  
  
You can also contact me VIA DISCORD at clorax\_bleech or by Phone # at (470)-217-7730