**Steps to run the backend code**

1. Download and install Node.js version 12.18.3 from <https://nodejs.org/download/release/v12.18.3/>
2. Download and install PostgreSQL version 13.1 from <https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>
3. Create a database in PostgreSQL with the name (for Eg) Acco. Make sure, your PostgreSQL user has the privilege to create database, is a superuser.
4. Go to path SRC -> configs -> env.js. In this file, ensure that the details are as per the local system by putting in the valid database username and password.
5. Open folder “API code” in VS code.
6. In VS code, run the following command:

npm init

1. To run the code in Visual Studio code, following commands need to be run as pre-requisite to install the required libraries/frameworks:

npm install –save sequelize

npm install –save pg pg-hstore

npm install -g sequelize-cli

npm install -g express-generator

1. Open terminal in vs code and navigate to the location of file index.js and then run the following command:

node index.js

1. From Postman, all the CRUD functions can be tested
2. Below are the URLs for all the actions to be performed:

(AS being user’s ID, 234 being the property id)

POST a student: <http://localhost:3000/student>

GET single student: <http://localhost:3000/student/AS>

PUT a student: <http://localhost:3000/student/AS>

DEL a student: <http://localhost:3000/student/AS>

GET all student: URL: <http://localhost:3000/student>

POST an owner: <http://localhost:3000/owner>

GET single owner: <http://localhost:3000/owner/AS>

PUT an owner: <http://localhost:3000/owner/AS>

DEL an owner: <http://localhost:3000/owner/AS>

GET all owner: URL: <http://localhost:3000/owner>

GET all property URL: <http://localhost:3000/property>

GET single property: <http://localhost:3000/property:234>

PUT a property: <http://localhost:3000/property:234>

DEL a property: <http://localhost:3000/property:AS>

POST a property: <http://localhost:3000/property>