Traxler

A simple GST management system written in Python.

note - please do not visit the http://o.o.o.o:8000 url as shown in the video instead, go to http://localhost:8000.

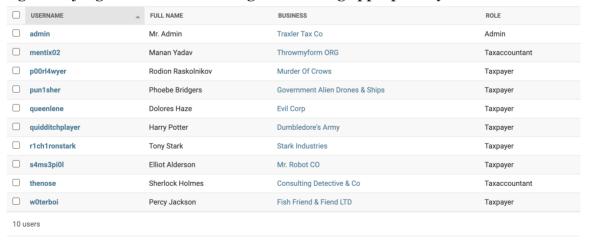
Please view this video for a demo / build instructions.

Tech Stack

- Python 3.10
 - Django as backend
 - o django-rest-framework for API
 - authtoken from rest framework for authentication / authorization
- TypeScript
 - Vue 3 for frontend
- PostgreSQL for database
- Docker for containerization
 - alpine as container OS

Users (pswd: abcd)

All users have a password of abcd - but each of them have been hashed with argon2. Django takes care of salting and hashing appropriately.



Installation

Build

Open a terminal window and run from the root project directory -

note - the first startup might take some time to build

```
$ docker-compose up
```

This should start the server. But don't visit the url yet, we need to seed the database.

Seed database

Open a new terminal and leave the server running.

To load the fixtures, run -

DO NOT visit the link provided in the docker-compose command. Instead, visit this http://localhost:8000 url and start exploring!

Tests

To run tests (make sure the traxler-web-1 image is still running in another terminal) -

note - the Unauthorized & Forbidden messages aren't failures

```
$ docker exec traxler-web-1 python manage.py test --keepdb
```