

## Developer's setup instructions (Kaleidoscope Journaling web app)

Here are all the commands to get the app up and running.

Setup and activate the virtual environment:

```
$ virtualenv venv
```

```
$ source venv/bin/activate
```

Change directory to kaleidoscope:

```
$ cd kaleidoscope
```

Install all required packages:

```
$ pip3 install -r requirements.txt
```

Migrate the database:

```
$ python3 manage.py makemigrations
```

```
$ python3 manage.py migrate
```

Seed the development database with:

```
$ python3 manage.py seed
```

Run all tests with:

```
$ python3 manage.py test
```

Run the app on your local machine:

```
$ python3 manage.py runserver
```

**Sources:** The packages used by this application are specified in requirements.txt.

**Additional Info:** We used the scaffolding from the small group project in this major group project (we were authorised to use it by the lecturer).

We have made use of generative AI to enhance our development process and assist us on small code snippets.

The web app is seeded with a significant amount of sample data to allow you to explore fully all the features.]

**To gain access to the administrative features use these credentials (username: @johndoe password: Password123). All the other users have the same password as well (Password123).**

**For security reasons the Open AI API key used was not left in the GitHub code so the AI features of our website will not work if you run it on your local machine. If you wish to test this feature please head directly to the deployed version of the app at <https://kaleidoscopejournal.pythonanywhere.com/> .**