Backend

This the the root directory for the backend of the application. Instruction on deployment is as follows.

Primitive environment

You must ensure that the following is installed on the deployment environment:

```
$ python = 3.7.3
```

To install all the python dependencies please do

```
$ pip install —upgrade pip
$ pip install -r requirements.txt
```

`NOTE` : Please run the backend on a unix based system, I am not sure what happens on windows or mac.

First time setup

Please run the first time setup by

```
$ cd backend
$ bash start.sh initial-populate /path/to/env.yaml /path/to/ecksdee-firebase.json
```

`env.yaml` : file containing the configuration information and secret keys. `ecksdee-firebase` : file containing the firebase token.

Testing

To manually set up the git hook test, run

```
$ bash start.sh setup-test
```

To run the tests manually run the tests now, run

```
$ bash start.sh run-test
```

Other utilities

You may also use some of the utilities provided by `start.sh`.

To check if db exists and create one if its missing, run

```
$ bash start.sh check-wake
```

To only create the tables and insert the static stock data, run

```
$ bash start.sh init-db
```

Below command deletes the database and creates a new one following the defined metadata in `src/models`, use with caution please.

```
$ bash start.sh nuke-db-from-orbit;
```

Below command starts the backend, please make sure that tables are created before running this.

```
$ bash start.sh run;
```