#Project Setup (Real Estate Price Predictor)

Backend/API Set Up:

1. cd into backend directory

➤ Cd into the location of the 'Backend' directory

Example:

```
C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment3-1\Backend>cd C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment
3-1\Backend
```

2. Run the backend server

➤ Run: [uvicorn main:app --reload]

Example:

```
C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment3-1\Backend>uvicorn main:app --reload
```

With model weights present the neural.py model shouldn't need to train from scratch and the following output should be seen indicating application start up is complete:

```
Neural weights have been loaded.
Neural weights have been loaded.
INFO:     Started server process [35536]
INFO:     Waiting for application startup.
INFO:     Application startup complete.
```

Frontend Set Up:

3. cd into frontend directory

➤ Cd into the location of the 'Frontend' directory

Example:

```
C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment3-1\Frontend>cd C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment3-1
\Frontend
```

4. install npm modules consisting of relevant libraries used, and dependencies for the projects

Enter ["npm install"]

Example:

```
C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment3-1\Frontend>npm install
```

Double Check node_modules folder is now present in Frontend directory

| 📁 node_modules | 5/11/2024 5:52 PM | File folder |

5. start react application

Enter ["npm start"]

Example:

```
C:\swinburne\year 2\semester 2\Innovation Final Assignment\Assignment3-1\Frontend>npm start

> frontend-website@0.1.0 start
> react-scripts start
```

It should take couple seconds on the first compile however if successful you should see the following:

```
Compiled successfully!

You can now view frontend-website in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.1.116:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

If react app isn't automatically opened in browser access the site on your local machine by copy and pasting 'http://localhost:3000'.

Set Up Complete!