




**UNSW**  
SYDNEY

## COMP3900 Group project - Xecute the Deal

### Description

This is the repository for the COMP3900 project, do not commit bad code or Ian will be angry   . The project selected is `Investment Simulator`, the application name is "Xecute the Deal".

### Members and Development Roles

SCRUM MASTER	FULL STACK DEVELOPER	FRONTEND DEVELOPER	BACKEND DEVELOPER	BACKEND DEVELOPER
Peiyu Tang	Ian Park	Justin Or	Song Fang	George Bai

### Deployment Environment

The application will be deployed on the cse-vlab linux environment. The specified versions are

```
$ python = 3.7.3  
$ npm = 5.8.0  
$ nodejs = 10.21.0
```

### Quick Start

To run the application quickly, follow the below steps.

#### Step 1: Frontend

Quickly activate the React-JS frontend, please do

```
$ cd web  
$ npm run build  
$ npm build serve
```

## Step 2: Virtual Environment

To quickly run the FASTAPI python backend, please first create a python virtual environment via

```
$ cd backend  
$ python3 -m venv env_name; source env_name/bin/activate;
```

## Step3: Run Backend

Then please do

```
$ python3 -m pip install -U pip; python3 -m pip install -U -r requirements.txt;  
$ bash start.sh initial-populate path/to/env.yaml path/to/ecksdee-firebase.json  
$ bash start.sh run
```