

# DFCU API Deployment Guide

Version	Date	Author	Description
1.0	08-April-2023	Edward Shirambere	Final draft

## 1. Creating the environment.

Create a python environment using virtualenv. This guide assumes you are working on a linux environment as the commands listed are linux commands.

To install virtualenv if not available on your system, use the following commands.

```
sudo apt-get install python3-pip
```

```
sudo pip3 install virtualenv
```

```
Create a directory/folder mkdir myProject and cd myProject
```

```
virtualenv venvMyProject - to create an environment.
```

## 2. Pulling project from github.

- Do `git pull https://github.com/shiram/dfcu_api.git` to get project.
- Activate our environment with this command, `source venvMyProject/bin/activate`
- Run `pip install -r requirements.txt` to install project requirements.
- Run `./manage.py runserver` to start running the development server.

## 3. Running Simulator.

- With the server running and our environment activated, run `python simulator.py`. Check `simulation-results.txt` file for the results.