

Installation Guide

AiPi

TradeSim

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Introduction

The system is run as a Flask Frontend and a Flask python engine Backend both of these need to be run in order for the program to run.

Perquisites

Local Instance Quick run

1. OS: windows 10 or higher os
2. Memory: 4gb ram or more
3. A Chromium based browser

To Host Website or run on non-windows machines

1. OS: windows 10/11, MacOS, Ubuntu
2. Memory: 4gb ram or more
3. Python3 installed (guide here: <https://realpython.com/installing-python/>)

Installation:

Quick Install

No installation required

Host Website or run on non-windows machines

1. Contact aipicapstone@gmail.com to receive API KEYS and other credentials needed to run program (for security reasons these will not be made available on the github)
2. Paste file given by aipicapstone@gmail.com in dbpass.py
3. In main.py on line 46 swap "localhost" with IP address you wish to host on and "5000" with the port you want to host on
4. In file root enter command prompt

5. Use the following command: `pip install -r requirements.txt`

Deployment

Quick Deployment:

Setting up the Backend

1. Navigate to where the file is saved
2. navigate to `apps>Backend`
3. Launch `Backend.exe`

Setting up the Frontend

1. Navigate to where the file is saved
2. navigate to `apps>client`
3. Launch `main.exe`
4. access webapp on `127.0.0.1:5000`

Host or non windows deployment

Setting up the Backend

1. in command prompt navigate to file root
2. Use the following command: `python ./apps/Backend/Backend.py`

Setting up the Frontend

1. in command prompt navigate to file root
2. Use the following command: `python main.py`
3. Access website on IP address and port specified by you, if not changed use `127.0.0.1:5000`