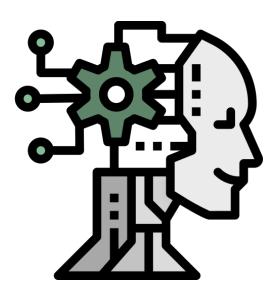
Robo-Advisor

User Guide



Getting Started

System Requirements and Dependencies

- Python or Anaconda, and Python libraries as specified in requirements.txt
- A modern web browser. Recommended Google Chrome version 76 and above.
- GNU Make (https://www.gnu.org/software/make/) to utilise make commands in the repo.

Running Django server

 Robo-advisor system can be started by running the front-end Django server. Start the frontend by typing the following in your Anaconda environment, in the root directory of the repo.

make front

• Alternatively, if 'make' is not installed, then you can type the following:

```
cd /d SystemCode/frontend/smartportfolioWeb/src
python manage.py runserver
```

• Then open Chrome and goto http://127.0.0.1:8000/

Creating a User Account / Logging in to a User Account

• From the home page, click the "Sign Up" button at the top-right corner, and enter your email address, name and password, then click "Sign Up"



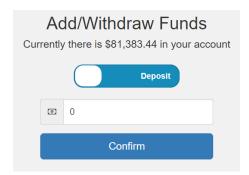
- Alternatively, if you want to see a preset account with existing portfolios, click the "Log in" button and use the following credentials:
 - o Email address: bob@hotmail.com
 - o Password: password
- You will be redirected to the Portfolio Management page

Add or Withdraw funds

• In order to purchase any portfolios, you will need to have (virtual) funds in your account. You can do so by clicking the "Add/Withdraw funds" button



• Choose to either deposit or withdraw funds, enter the amount and click "Confirm".



Buying a new Portfolio

- Scroll down the page and you should see a list of **Available Portfolios**. You can sort the portfolios by name, risk, type, returns, etc
- Buy the portfolio that you want by clicking the "+" icon. It will be added to your list of available portfolios



Selling an existing Portfolio

- Scroll the page and you should see a list of **Current Portfolios**. You can see information such as its risk level, cumulative returns over 30 days and 1 year. In addition you can see the amount that you have invested in it, and its current value and earnings.
- Sell the portfolio that you want by clicking the "-" icon.



Viewing details of a Portfolio

 You can click the magnifying glass icon in either the Available Portfolio section or Current Portfolio section, to see the details.



 Backtest results and key performance statistics will be shown. An example for "Sentimental All-Weather (Max Returns) is shown below

