What our API is intended for:
The FINWorks API is intended to be used as an interactive facilitator between your user interface and our database. Mainly for quick, short user initiated actions on a specific investment/instrument/advisor/brokerage/product/model manager.

Most of the API was intended to be used as an interface to a web based system, such as an investor portal, or a portal for a specific type of client of the administrator. This means that users of the API should call the API at the point in time the data is needed. This ensures the most up to date data is displayed on the portal.

User initiated actions on your user interface will typically lead to an API request on our side to either fetch data from our database and present it on your interface, or following a user updating information, to write data to our database. Normally for one account at a time.
Examples of intended use cases:

1. An investor logs into your portal and would like to invest
    a. You check if the investor already exists and fetch their existing holdings if they do
    b. You create the investor
    c. You create the investment instruction
2. An investor logs into your portal and wants to disinvest
    a. You fetch current holdings
    b. You submit a withdrawal instruction
3. You have a new/existing advisor who accesses the portal
    a. The advisor can be linked to an existing brokerage account
    b. The advisor can be created
    c. Fetch historical fee transactions for the advisor
4. An investor logs into your portal and views their investment and historical transactions
    a. You fetch current holdings
    b. You fetch all historical transactions on this investment
    c. You fetch performance metrics for the investment

What our API is not intended for:
Our API is not intended to fetch large volumes of data from our database and recreate a cached version of the same data on your own environment. This will require regular pulling of large amounts of data that impacts daily operational functions. It will also lead to your data often being out of sync and can lead to data integrity issues.
Examples of use cases the API is not intended for:

1. You want a live view of the total Assets under Management at any point in time
2. You want the total value of transactions processed for the day at any point in time
3. Any type of consolidated reporting view across all investments

We do not recommend using the API to stage a database that is used in a portal for investors or advisors to interact with. However, we realise the API may be insufficient for what particular

customers need. We encourage a conversation with FINWorks to help us understand what the API should provide. We can always expand the API for your specific needs.

Here is detailed documentation on the calls and fields available in our API - https://finworks.biz/application-program-interface