

K. Login

Get the "access_token" from the JWT api (REMEMBER IT'S A ZOMBIE KEY SO IT NEVER EXPIRE unless you logout)

URL <http://stockphpwebsite.herokuapp.com/api/auth/login>

Method POST

Header Accept: application/json

Content-Type: application/x-www-form-urlencoded

Data Params: {"email": "[string]", "password": "[string]"}

Success Response:

• **Code: 200**

Content:{

"access_token":

"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9hc3MzLnRlc3RlL2FwaVwvYXV0aFwvbG9naW4iLCJpYXQoIjE1NDQyNDE1ODAsIm5iZiI6MTU0NDI0MTU4MCwianRpIjojQkVhZlILSFNXTWNkYXZiUSIsInN1YiI6MSwicHJ2IjojODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRIMGIwNDc1NDZhYSJ9.p3Jx2cp6EDLBpUQ6o1XOG9yVo-mI3U_NjZYQw5yzV34",

```
"token_type": "bearer",
```

```
"expires_in": 0
```

}

Error Response:

Code: 401 UNAUTHORIZED

Content: { "error" : "invalid token" }

A. Get All Stocks

Fetch all stocks of the user (with authentication credentials through a JWT previously provided).

URL /api/api/allstocks

Method GET OR POST

Header Authorization: Bearer access_token

Accept: application/json

Content-Type: application/json

Success Response:

Code: 200

Content:

```
[  
  {  
    "id": 1,  
    "company": "Lockheed Martin Corporation",  
    "ticker": "LMT",  
    "amount": "27",  
    "current_price": "285.4",  
    "native_currency": "USD",  
    "total": "7991.2",  
    "email": "notNick@gmail.com",  
    "purchase_date": null,  
    "change": "-0.35",  
    "close_yesterday": "286.41"  
  },  
  {  
    "id": 3,  
    "company": "Alphabet Inc Class A",  
    "ticker": "googl",
```

```
{
  "amount": "2",
  "current_price": "1046.58",
  "native_currency": "USD",
  "total": "2103.16",
  "email": "notNick@gmail.com",
  "purchase_date": null,
  "change": "-2.92",
  "close_yesterday": "1078.08"
}
```

]

Error Response:

· **Code:** 401 UNAUTHORIZED
Content: { "error" : "invalid token" }

Sample Call: curl -X GET -H "Accept: application/json" -H "Authorization: Bearer longtokenhere"
https://hostname/api/api/allstocks

Note An empty array is returned if no stocks found

B. Get Cash

Fetch remaining cash of the user (with authentication credentials through a JWT previously provided).

URL /api/api/cash

Method GET OR POST

Header Authorization: Bearer access_token
Accept: application/json
Content-Type: application/json

Success Response:

· **Code:** 200
Content: { "cash": 9565.78 }

Error Response:

· **Code:** 401 UNAUTHORIZED

Content: { "error" : "invalid token" }

Sample Call: curl -X GET -H "Accept: application/json" -H "Authorization: Bearer longtokenhere" https://hostname/api/api/cash

C. Post Buy

Buy a stock (with authentication credentials through a JWT previously provided).

URL /api/api/buy

Method POST

Header Authorization: Bearer access_token
Accept: application/json
Content-Type: application/x-www-form-urlencoded

Data Params: {"ticker": "[string]", "quantity": "[positive integer]"}

Success Response:

- **Code:** 200

Content: {"cashleft": "6565"}

Error Responses:

- **Code:** 401 UNAUTHORIZED

Content: { "error" : "invalid token" }

- **Code:** 403 FORBIDDEN

Content: { "error" : "insufficient cash" }

- **Code:** 400 BAD REQUEST

Content: { "error" : "invalid ticker or quantity" }

Sample Call: curl -X POST -H "Accept: application/json" -H "Authorization: Bearer longtokenhere" -H "Content-Type: application/json" https://hostname/api/api/buy -d '{"ticker": "MSFT", "quantity": "10"}

D. Post Sell

Sell a stock (with authentication credentials through a JWT previously provided).

URL /api/api/sell

Method POST

Header Authorization: Bearer access_token
Accept: application/json
Content-Type: application/x-www-form-urlencoded

Data Params: {"ticker": "[string]", "quantity": "[positive integer]"}

Success Response:

- **Code:** 200

Content: {"cashleft": 9565}

Error Responses:

- **Code:** 401 UNAUTHORIZED

Content: { "error" : "invalid token" }

- **Code:** 403 FORBIDDEN

Content: { "error" : "insufficient cash" }

- **Code:** 400 BAD REQUEST

Content: { "error" : "invalid ticker or quantity" }

Sample Call: curl -X POST -H "Accept: application/json" -H "Authorization: Bearer longtokenhere" -H "Content-Type: application/json" <https://hostname/api/api/sell> d {"ticker": "MSFT", "quantity": "10"}