

# API Aplikasi Sekuritas Saham

1. /portfolio

Method: GET

HTTP Version: HTTP/3

Request Header: "Content-Type: application/json"

Request Body:

```
{
  "account_id": 1
}
```

Response:

a. Status: 200 OK

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{
  "portfolio": [
    {
      "ticker": "BBCA",
      "lot": 5,
      "averagePrice": 8900
    },
    {
      "ticker": "ASII",
      "lot": 3,
      "averagePrice": 5725
    },
    {
      "ticker": "ANTM",
      "lot": 30,
      "averagePrice": 1745
    }
  ]
}
```

b. Status: 404 NOT\_FOUND

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{
  "message": "Invalid Client ID"
}
```

2. /stock

Method: GET HTTP

Version:

Request Header:

Request Body:

```
{  
  "stock": "ADRO"  
}
```

Response:

a. Status: 200 OK

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{  
  "previosPrice": 2560,  
  "openPrice": 2560,  
  "lastPrice": 2510,  
  "volume": 42000000,  
  "frequency": 11623,  
  "turnover": 106840000000  
}
```

b. Status: 404 NOT\_FOUND

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{  
  "message": "Invalid Stock Name"  
}
```

### 3. /buy

Method: POST HTTP Version:

Request Header:

Request Body:

```
{
  "account_id": 1,
  "stock": "BBCA",
  "price": 9500,
  "lot": 50
}
```

Response:

Status: 200 OK

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{
  "message": "Your BBCA buy order is matched"
}
```

### 4. /sell

Method: POST

HTTP Version: HTTP/3

Request Header: "Content-Type: application/json" Request

Body:

```
{
  "account_id": 1,
  "stock": "BMRI",
  "price": 4500,
  "lot": 500
}
```

Response:

Status: 200 OK

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{
  "message": "Your BMRI buy order is matched"
}
```

5. /history

Method: GET

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

Request Body:

```
{
  "account_id": 1
}
```

Response:

a. Status: 200 OK

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{
  "history": [
    {
      "stock": "PTR0",
      "price": 4950,
      "lot": 200,
      "type": "buy",
      "orderTime": "2023-12-05 10:23:52",
      "orderMatchedTime": "2023-12-05 10:23:52"
    },
    {
      "stock": "PTR0",
      "price": 5250,
      "lot": 200,
      "type": "sell",
      "orderTime": "2023-12-05 14:50:05",
      "orderMatchedTime": "2023-12-05 14:50:05"
    }
  ]
}
```

b. Status: 404 NOT\_FOUND

HTTP Version: HTTP/3

Response Header: "Content-Type: application/json"

```
{
  "message": "Invalid Client ID"
}
```

Link Github: <https://github.com/HenryBS18/Stock-Transaction-Basic-API>