API

1 User

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| Login | PATH: /User  Type: POST  Operation: /login  Parameters: None  Data:  {  “email” : “xxx@xx.com”  “password” : “123456”  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:{  “email”: xxx@xx.com  “tokenStr”: “jdasonxw539klew0”  }  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: POST https://localhost:8080/api/User/login |
| Register | PATH: /User  Type: POST  Operation: /register  Parameters: None  Data:  {  “email” : “xxx@xx.com”  “password” : “123456”  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:{  “email”: “xxx@xx.com”  “tokenStr”: “jdasonxw539klew0”  }  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: POST https://localhost:8080/api/User/ register |
| GetPortfolio | PATH: /User  Type: GET  Operation: /GetPortfolio (Markets Recently Viewed)  Parameters: user\_id  Data:  {  None  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:[  {  “Symbol”: “DJI”  “Name”: “Dow Jones industrial Average”  “Last Price”: “26378.19”  “Change”: ”+371.12”  “%Change”: “+1.43%”  },  {  “Symbol”: “HSI”  “Name”: “HANG SENG INDEX”  “Last Price”: “26174.19”  “Change”: ”+54.02”  “%Change”: “+0.21%”  }  ]  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: GET https://localhost:8080/api/User/ GetPortfolio/{user\_id} |
| Update  Portfolio | PATH: /User  Type: POST  Operation: /UpdatePortfolio (Markets Recently Viewed)  Parameters: None  Data:  {  “user\_id” : “user id”,  “Security\_id” : “stock/etf id”  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:  {  “trade\_id” : “stock/etf id”  }  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: POST https://localhost:8080/api/User/ UpdatePortfolio |

2 Data

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| GetSecurityInfo | PATH: /Security  Type: GET  Operation: / GetSecurityInfo  Parameters: security\_id  Data:  {  None  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:[  {  “trade\_id” : “security id”,  “Symbol” : “AMD”,  “Name” : “Advanced Micro Devices, Inc”,  “isAddedToWatchlist” : “True”  “Price” : “33.93”,  “Change” : “+4.73”,  “% Change” : “+16.20%”,  “Volume” : “167.279M”,  “Close” : “324.34”,  “Open” : “342.54”  “Avg Vol(3 month)” : “67.28M”  “Historical\_Data” : [  “Date” : “”,  “Open” : “”,  “High” : “”,  “Low” : “”,  “Close” : “”,  “Adj\_Close” : “”,  “Volume” : “”  ]  },  {  “trade\_id” : “security id”,  “Symbol” : “AMD”,  “Name” : “Advanced Micro Devices, Inc”,  “isAddedToWatchlist” : “True”  “Price” : “33.93”,  “Change” : “+4.73”,  “% Change” : “+16.20%”,  “Volume” : “167.279M”,  “Close” : “324.34”,  “Open” : “342.54”  “Avg Vol(3 month)” : “67.28M”  “Historical\_Data” : [  “Date” : “”,  “Open” : “”,  “High” : “”,  “Low” : “”,  “Close” : “”,  “Adj\_Close” : “”,  “Volume” : “”  ]  }  ]  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: GET https://localhost:8080/api/User/ GetSecurityInfo/{ security\_id } |
| GetSecurityList | PATH: /Security  Type: GET  Operation: / GetSecurityList  Parameters: type  Data:  {  None  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:[  {  “trade\_id” : “stock id”,  “Symbol” : “AMD”,  “Name” : “Advanced Micro Devices, Inc”,  “Price” : “33.93”,  “Change” : “+4.73”,  “% Change” : “+16.20%”,  “Volume” : “167.279M”,  “Avg Vol(3 month)” : “67.28M”  },  {  “trade\_id” : “stock id”,  “Symbol” : “AMD”,  “Name” : “Advanced Micro Devices, Inc”,  “Price” : “33.93”,  “Change” : “+4.73”,  “% Change” : “+16.20%”,  “Volume” : “167.279M”,  “Avg Vol(3 month)” : “67.28M”  }  ]  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: GET https://localhost:8080/api/User/ GetSecurityList |
| GetSortedList | PATH: /Security  Type: GET  Operation: / GetSortedList  Parameters: type, Sorted\_key  Data:  {  None  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:[  {  “trade\_id” : “stock id”,  “Symbol” : “AMD”,  “Name” : “Advanced Micro Devices, Inc”,  “Price” : “33.93”,  “Change” : “+4.73”,  “% Change” : “+16.20%”,  “Volume” : “167.279M”,  “Avg Vol(3 month)” : “67.28M”  },  {  “trade\_id” : “stock id”,  “Symbol” : “AMD”,  “Name” : “Advanced Micro Devices, Inc”,  “Price” : “33.93”,  “Change” : “+4.73”,  “% Change” : “+16.20%”,  “Volume” : “167.279M”,  “Avg Vol(3 month)” : “67.28M”  }  ]  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: POST https://localhost:8080/api/User/ GetSecurityList/{type}/{Sorted\_key} |
| Filter |  |
| getComparision | PATH: /Security  Type: GET  Operation: / GetSortedList  Parameters: security\_id, compared\_security\_id  Data:  {  None  }  Return:  {  “error”:{  “code”: 200,  “message”: “OK”  },  “data”:[  {  “Date” : “”,  “Open” : “”,  “High” : “”,  “Low” : “”,  “Close” : “”,  “Adj\_Close” : “”,  “Volume” : “”  }  ]  }  Return code:  200 - OK  502 - Bank of ABC Server error  410 - invalid creditor account  411 - invalid amount  412 - invalid payment date  Example Call: POST https://localhost:8080/api/User/ GetSecurityList/{type}/{Sorted\_key} |
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