|  |  |
| --- | --- |
| Description | Retrieve the latest best aggregated price |
| API | GET http://localhost:8080/cryptos/ |
| Request |  |
| Response | [  {  "symbol": "ETHBTC",  "fullDesc": null,  "bidPrice": 0.05262,  "bidQty": 35.8897,  "askPrice": 0.05263,  "askQty": 32.1455  },  …  ] |

A screenshot of a computer

Description automatically generated

|  |  |
| --- | --- |
| Description | Retrieve the latest best aggregated price from source.  1. Manual refresh price from source  2. scheduler 10s interval refresh price from source |
| API | GET http://localhost:8080/cryptos/retrieve |
| Request |  |
| Response |  |

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Description automatically generated

|  |  |
| --- | --- |
| Description | trade cryptos |
| API | POST http://localhost:8080/transactions/trade |
| Request | {      "accountRequestDTO": {          "id": 1      },      "tradeRequestDTOs": [          {              "symbol": "ETHUSDT",              "individualPrice": 0.24141,              "quantity": 44,              "buySell": "SELL"          },          {              "symbol": "BTCUSDT",              "individualPrice": 0.34535,              "quantity": 54,              "buySell": "BUY"          }      ]  } |
| Response | {      "id": 4,      "timestampdate": "2023-12-14T04:50:45.491+00:00",      "totalPrice": 0.0,      "allTrades": [          {              "id": 7,              "symbol": "ETHUSDT",              "individualPrice": 0.24141,              "transId": **null**,              "quantity": 44,              "buySell": "SELL",              "transaction": **null**          },          {              "id": 8,              "symbol": "BTCUSDT",              "individualPrice": 0.34535,              "transId": **null**,              "quantity": 54,              "buySell": "BUY",              "transaction": **null**          }      ],      "accountId": 1  } |

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Description automatically generated

|  |  |
| --- | --- |
| Description | Retrieve the Account information |
| API | GET http://localhost:8080/accounts/1 |
| Request |  |
| Response | {      "id": 1,      "firstName": "Jack",      "lastName": "Lee",      "dob": "01/02/2001",      "email": "jack\_lee@hotmail.com",      "walletBalance": 49992.21314  } |

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Description automatically generated

|  |  |
| --- | --- |
| Description | Get the history transactions by Account Id |
| API | GET http://localhost:8080/transactions/history/1 |
| Request |  |
| Response | [{"id":1,"timestampdate":"2023-12-14","totalPrice":0.0,"allTrades":[],"accountId":1},{"id":2,"timestampdate":"2023-12-14","totalPrice":0.0,"allTrades":[],"accountId":1},{"id":3,"timestampdate":"2023-12-14","totalPrice":0.0,"allTrades":[],"accountId":1},{"id":4,"timestampdate":"2023-12-14","totalPrice":0.0,"allTrades":[],"accountId":1}] |

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Description automatically generated