

1. API Operations:

1.1 GET localhost:8081/stock:

Will return a list with all Stocks present on the “stock-manager” API.

Response example:

```
[
  {
    "id": "vale5",
    "description": "Vale do Rio Doce PN"
  }
]
```

When accessed, the response will be stored in cache. (the console will display a warn)

1.2 POST localhost:8081/stock:

Will receive the information to create a single new Stock on the “stock-manager” API using trim() and toLowerCase() on “id” to respect the pattern.

Id field cannot be null or empty, Description field cannot be null.

Request example:

```
{
  "id": "mag4",
  "description": "Magazine Luiza SP"
}
```

When accessed, the cache from the “GET /stock” will be erased. (the console will display a warn)

1.3 GET localhost:8081/quotation:

Will return a list with all Quotations (with their quotes) present on the mysql8 database

Response example:

```
[
  {
    "id": "949530b5-672b-49ef-aa02-6e03f4d79291",
    "stockId": "mag4",
    "quotes": {
      "2019-01-30": "27",
      "2019-01-29": "28",
      "2019-01-28": "21"
    }
  }
]
```

1.4 GET localhost:8081/quotation/{stockId}:

Will return the Quotation (with his quotes) with the stockId passed on the uri (if exists):

Response example:

```
{
  "id": "949530b5-672b-49ef-aa02-6e03f4d79291",
  "stockId": "mag4",
  "quotes": {
    "2019-01-30": "27",
    "2019-01-29": "28",
    "2019-01-28": "21"
  }
}
```

If the Id does not exist on the database, it will return a 404 not found error.

1.5 POST localhost:8081/quotation:

Will receive the information to create a single new Quotation with a list of quotes inside of it. The quotation will only be created if the stockId exists on the “stock-manager” database.

Id field cannot be null or empty, StockId cannot be null or empty, quotes cannot be null.

```
{
  "id": "949530b5-672b-49ef-aa02-6e03f4d79291",
  "stockId": "maG4",
  "quotes": {
    "2019-01-30": "27",
    "2019-01-29": "28",
    "2019-01-28": "21"
  }
}
```

If the quotation does not exist in the “stock-manager” database, it will return a 404 not found error.