

Test Output Document

By: Aishwarya Malgonde, Sahil Jindal

Course: CS 677 | Professor Prashant Shenoy

Lab 2: Asterix and the Microservice Stock Bazaar

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Output For Test Cases

Output for testing frontend service's GET and POST request. This basically tests the entire system, i.e, frontend + backend -

```
(venv) aishwarya@Aishwaryas-MacBook-Air:~$ tests % python3 test_frontend_service.py

Testing GET requests

GET - http://0.0.0.0:8000/stocks/BoarCo - 200 - {"data": {"name": "BoarCo", "price": 28.59, "quantity": 1420}}
GET - http://0.0.0.0:8000/stocks/Ash - 400 - {"error": {"code": 400, "message": "Bad request. Ash stock not found in db"}}
GET - http://0.0.0.0:8000/stcks/BoarCo - 404 - {"error": {"code": 404, "message": "Invalid request url"}}

All GET requests ran successfully which expected responses
.

Testing POST requests

POST - 200 - {"data": {"transaction_number": 73}}
POST - 400 - {"error": {"code": 400, "message": "Bad request. Hey stock not found in db"}}
POST - 400 - {"error": {"code": 400, "message": "Invalid quantity -10"}}
POST - 400 - {"error": {"code": 400, "message": "Unknow trade type - negotiate"}}
POST - 404 - {"error": {"code": 404, "message": "Invalid request url"}}

All POST requests ran successfully with expected responses
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=====
Ran 2 tests in 0.064s

OK
```

Output for testing order service's Trade method -

[illegible]

Output for testing catalog service's Lookup and Update method -

```
(venv) aishwarya@Aishwaryas-MacBook-Air-2 tests % python3 test_catalog_service.py

Testing Catalog Lookup requests

Lookup - FishCo - 200 - {'data': {'name': 'FishCo', 'price': 17.99, 'quantity': 906}}
Lookup - Ash - 400 - Bad request. Ash stock not found in db

All Catalog Lookup requests ran successfully which expected responses
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Testing Catalog Update requests

Update - FishCo, 10 - 200 - success
Update - FishCo, LOL - 500 - ufunc 'add' did not contain a loop with signature matching types (dtype('int64'), dtype('<U3')) -> None
Update - Meh, 10 - 400 - Stock name not found

All Catalog Update requests ran successfully with expected responses
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Ran 2 tests in 0.014s

OK
```