

Psychic Waffle

Black Box Testing Assignment

Andrew Grant
amg2215@columbia.edu

Jake Weissman
jdw2159@columbia.edu

Andrew Feather
af2849@columbia.edu

Jacob Graff
jag2302@columbia.edu

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- Demo

- Github repo: <https://github.com/andyg7/4156Project>
- Completed with mentor Brian on 10/9
- Code used for demo: master branch, up to and including commit 5f91c25e997a029c1a8ac0aaa061a9996c1c0e86
- Thoughts on Demo: <https://github.com/andyg7/4156Project/wiki> (scroll down to Demo Thoughts near bottom of page)
- Issues from Demo: <https://github.com/andyg7/4156Project/issues> (all the issues on github are currently related to the demo)

- Task board: <https://trello.com/b/hrv3oIIy/j-p-morgan-project>

- Testing:

- Testing tool: unittest
- To invoke: `python -m unittest discover tests`
- To calculate coverage: `coverage run --source=app/ -m unittest discover tests`
- To view coverage: `coverage report -m`
- Unit tests: <https://github.com/andyg7/4156Project/tree/master/code/tests>
- Equivalence partition and edge case info: <https://github.com/andyg7/4156Project/wiki> (scroll down to Testing section near bottom of page)
- Coverage = 70%

```
1 coverage run --source=app/ -m unittest discover tests
2 .....
3 -----
4 Ran 29 tests in 7.021s
5
6 OK
7 (venv) Andrews-MacBook-Pro:code andrewgrant$ coverage report -m
8 Name                               Stmts  Miss  Cover   Missing
9 -----
10 app/__init__.py                     0      0   100%
```

```

11 app/database_methods.py          135    50    63%    69-73, 76-79,
    85-101, 109-116, 125-132, 142-146, 149-154
12 app/database_objects.py          30     3    90%    15, 27, 38
13 app/order.py                     49     2    96%    50-51
14 app/server.py                    172    74    57%    24-27, 32-36,
    51-52, 60-61, 66-67, 78, 80, 83-85, 90, 103, 106-112, 120-142, 150-151,
    153-154, 157-158, 164-165, 169, 178, 180-181, 184-185, 191, 206-218
15 app/transaction.py               77    10    87%    58-59, 64,
    79-81, 94, 105-107
16 -----
17 TOTAL                           463   139    70%
18 (venv) Andrews-MacBook-Pro:code andrewgrant$

```

– Testing results:

```

1 python -m unittest discover tests
2 .....
3 -----
4 Ran 29 tests in 6.519s
5
6 OK

```

- CRC, class diagrams: <https://github.com/andyg7/4156Project/tree/master/docs>