CICD-PROJECT

Deck of Cards API

Made by:

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API Description

The API simulates a deck of cards.

Features:

Get new unshuffled deck:

The user gets a new deck that wasn't shuffled.

Get new shuffled deck:

The user gets a new shuffled deck.
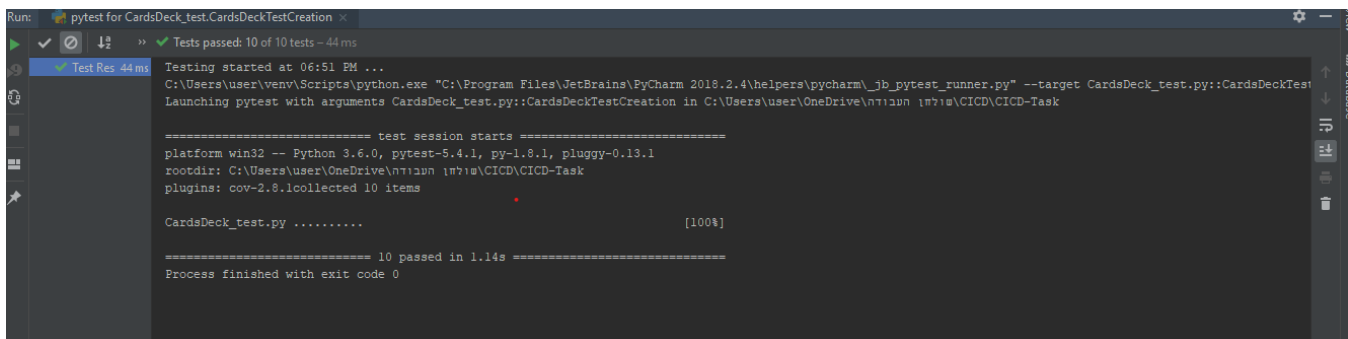
Draw cards:

the user draws cards from the deck

Get new partial deck:

the user gets a deck with only his selected cards.

Test results:

in our project we have done all the tests in one unit the results are the following:

Local test results:

CircleCI test results:

```
=========================== test session starts ============================
platform linux -- Python 3.7.7, pytest-5.4.1, py-1.8.1, pluggy-0.13.1 -- /usr/local/bin/python
cachedir: .pytest_cache
rootdir: /home/circleci/CICDCardsDeck
plugins: cov-2.8.1
collected 10 items

CardsDeck_test.py::CardsDeckTestCreation::test_create_new_deck_timeout_retry_pass PASSED [ 10%]
CardsDeck_test.py::CardsDeckTestCreation::test_draws_card_new_deck_returns_two PASSED [ 20%]
CardsDeck_test.py::CardsDeckTestCreation::test_get_new_shuffled_deck_expected_false PASSED [ 30%]
CardsDeck_test.py::CardsDeckTestCreation::test_get_new_shuffled_deck_expected_true PASSED [ 40%]
CardsDeck_test.py::CardsDeckTestCreation::test_get_new_unshuffled_card_deck PASSED [ 50%]
CardsDeck_test.py::CardsDeckTestCreation::test_get_new_unshuffled_card_deck_is_full PASSED [ 60%]
CardsDeck_test.py::CardsDeckTestCreation::test_get_response_failed PASSED [ 70%]
CardsDeck_test.py::CardsDeckTestCreation::test_get_response_succeeded PASSED [ 80%]
CardsDeck_test.py::CardsDeckTestCreation::test_two_new_decks_are_not_same PASSED [ 90%]
CardsDeck_test.py::CardsDeckTestCreation::test_two_new_decks_are_same PASSED [100%]

----------- coverage: platform linux, python 3.7.7-final-0 -----------
Name                                                                         Stmts   Miss  Cover
------------------------------------------------------------------------------------------------
/home/circleci/.local/lib/python3.7/site-packages/_pytest/_argcomplete.py       37     36     3%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/_code/code.py        654    633     3%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/_code/source.py      244    221     9%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/assertion/__init__.py 79     69    13%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/assertion/rewrite.py 595    359    40%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/cacheprovider.py     278    232    17%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/capture.py           479    407    15%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/compat.py            178    139    22%
```

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/home/circleci/.local/lib/python3.7/site-packages/_pytest/compat.py            178    139    22%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/config/__init__.py   654    553    15%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/config/argparsing.py 244    199    18%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/debugging.py         191    182     5%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/doctest.py           332    323     3%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/faulthandler.py       53     39    26%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/fixtures.py          775    433    44%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/helpconfig.py        120    111     8%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/junitxml.py          350    348     1%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/logging.py           359    246    31%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/main.py              397    248    38%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/mark/__init__.py      84     70    17%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/mark/evaluate.py      96     84    12%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/mark/structures.py   173    155    10%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/nodes.py             296    189    36%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/nose.py               20     18    10%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/pastebin.py           64     63     2%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/pathlib.py           203    191     6%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/python.py            776    639    18%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/reports.py           244    215    12%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/resultlog.py          68     66     3%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/runner.py            269    154    43%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/setuponly.py          42     36    14%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/setupplan.py          13     11    15%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/skipping.py          101     72    29%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/stepwise.py           58     46    21%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/store.py              34     28    18%
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/home/circleci/.local/lib/python3.7/site-packages/_pytest/compat.py          178    139    22%
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/home/circleci/.local/lib/python3.7/site-packages/_pytest/doctest.py         332    323     3%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/faulthandler.py     53     39    26%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/fixtures.py        775    433    44%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/helpconfig.py      120    111     8%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/junitxml.py        350    348     1%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/logging.py         359    246    31%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/main.py            397    248    38%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/mark/__init__.py    84     70    17%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/mark/evaluate.py    96     84    12%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/mark/structures.py 173    155    10%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/nodes.py           296    189    36%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/nose.py             20     18    10%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/pastebin.py         64     63     2%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/pathlib.py         203    191     6%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/python.py          776    639    18%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/reports.py         244    215    12%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/resultlog.py        68     66     3%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/runner.py          269    154    43%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/setuponly.py        42     36    14%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/setupplan.py        13     11    15%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/skipping.py        101     72    29%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/stepwise.py         58     46    21%
/home/circleci/.local/lib/python3.7/site-packages/_pytest/store.py            34     28    18%
```

Cloud service:

We used the cloud service of hokuro and linked him with our github account.

Link to the Readme HTML:

https://htmlpreview.github.io/?https://github.com/benjaminyakobi/CICD-Task/blob/1b3de4b353ce8fff19c0bb8eaea0f338068f994c/README.html