

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

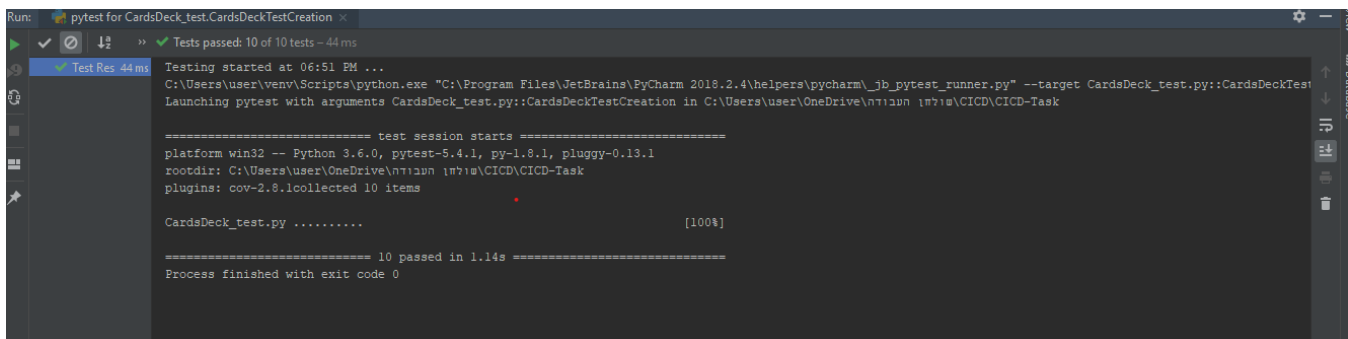
#### **Get new partial deck:**

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:



```
Run: pytest for CardsDeck_test.CardsDeckTestCreation x
[+] Tests passed: 10 of 10 tests - 44 ms
Test Res: 44 ms
Testing started at 06:51 PM ...
C:\Users\user\venv\Scripts\python.exe "C:\Program Files\JetBrains\PyCharm 2018.2.4\helpers\pycharm\jb_pytest_runner.py" --target CardsDeck_test.py::CardsDeckTest
Launching pytest with arguments CardsDeck_test.py::CardsDeckTestCreation in C:\Users\user\OneDrive\מבית\מחשבים\CICD\CICD-Task

===== test session starts =====
platform win32 -- Python 3.6.0, pytest-5.4.1, py-1.8.1, pluggy-0.13.1
rootdir: C:\Users\user\OneDrive\מבית\מחשבים\CICD\CICD-Task
plugins: cov-2.8.1collected 10 items

CardsDeck_test.py ..... [100%]

===== 10 passed in 1.14s =====
Process finished with exit code 0
```

## 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/cache/provider.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/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%
```



/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%

## Cloud service:

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

The screenshot displays the GitHub Actions dashboard for the repository 'cicd-task'. The main area shows sections for 'Installed add-ons' (currently empty), 'Dyno formation' (no process types defined), and 'Collaborator activity' (listing 'benjaminyakobi@gmail.com' with 1 deployment). A sidebar on the right, titled 'Latest activity', provides a detailed log of recent actions: a deployment to '5cd6a067' at 7:04 PM, a successful build at 7:03 PM, enabling Logplex at 6:38 PM, and the initial release at 6:38 PM, all performed by 'benjaminyakobi@gmail.com'.

## Link to the Readme HTML:

<https://htmlpreview.github.io/?https://github.com/benjamin yakobi/CICD-Task/blob/1b3de4b353ce8fff19c0bb8eaea0f338068f994c/README.html>