

# Last test run report

There are there test scripts for alarm application.

1. Functional testing
2. Component and Negative testing
3. Load testing

## 1. Functional testing test report

### PASS execution

---

```
blr-mpshv:framework pgovindr$ ./harness --
pythonpath=/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_chec
k_framework/framework --testscript=scripts/functionality_testing.py
*****
**
```

Test File: scripts/functionality\_testing.py

PythonPath:

```
['/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework', '/Library/Python/2.7/site-packages/selenium-2.46.0-py2.7.egg',
'/Library/Python/2.7/site-packages/pip-7.0.3-py2.7.egg', '/Library/Python/2.7/site-packages/MySQL_python-1.2.5-py2.7-macosx-10.10-intel.egg',
'/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework', '/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python27.zip',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-darwin',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac/lib-scriptpackages',
'/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-tk',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-old',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-dynload',
```

```

'/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python/PyObjC',
'/Library/Python/2.7/site-packages']

```

```

*****
**

```

```

test_1_add (__main__.TestApplication) ... 2016:03:23T15:37:26  INFO  -----START-----

```

```

2016:03:23T15:37:26  INFO  We are in setup, creating alarm obj
2016:03:23T15:37:26  INFO  =====Functional test for ADD feature=====
2016:03:23T15:37:26  INFO  PASS : Data integrity test for title
2016:03:23T15:37:26  INFO  PASS : Data integrity test for fire_time
2016:03:23T15:37:26  INFO  PASS : Data integrity test for repeat
2016:03:23T15:37:26  INFO  PASS : Data integrity test for title
2016:03:23T15:37:26  INFO  PASS : Add function adds one alarm
2016:03:23T15:37:26  INFO  We are in tear down, clearing all the alarms

```

```

ok

```

```

test_2_update (__main__.TestApplication) ... 2016:03:23T15:37:26  INFO  -----START-----

```

```

2016:03:23T15:37:26  INFO  We are in setup, creating alarm obj
2016:03:23T15:37:26  INFO  =====Functional test for UPDATE feature=====
2016:03:23T15:37:26  INFO  PASS : Update Data integrity test for title
2016:03:23T15:37:26  INFO  PASS : Update Data integrity test for fire_time
2016:03:23T15:37:26  INFO  PASS : Update Data integrity test for repeat
2016:03:23T15:37:26  INFO  PASS : Update function just updates an alarm and not addition
2016:03:23T15:37:26  INFO  PASS : Update function just updates an alarm and not addition
2016:03:23T15:37:26  INFO  PASS : Update Data integrity test for title
2016:03:23T15:37:26  INFO  We are in tear down, clearing all the alarms

```

```

ok

```

```

test_3_remove (__main__.TestApplication) ... 2016:03:23T15:37:26  INFO  -----START-----

```

```

2016:03:23T15:37:26  INFO  We are in setup, creating alarm obj
2016:03:23T15:37:26  INFO  =====Functional test for UPDATE feature=====
2016:03:23T15:37:26  INFO  PASS : Remove function successfully deletes an alarm
2016:03:23T15:37:26  INFO  PASS : Remove function successfully deletes an alarm
2016:03:23T15:37:26  INFO  We are in tear down, clearing all the alarms

```

```

ok

```

```

test_4_clear (__main__.TestApplication) ... 2016:03:23T15:37:26  INFO  -----START-----

```

```

2016:03:23T15:37:26  INFO  We are in setup, creating alarm obj
2016:03:23T15:37:26  INFO  =====Functional test for CLEAR feature=====
2016:03:23T15:37:26  INFO  PASS : Successfully added 3 3 alarms
2016:03:23T15:37:26  INFO  PASS : Successfully cleared all alarms; 0 0 alarms
2016:03:23T15:37:26  INFO  We are in tear down, clearing all the alarms

```

```

ok

```

```

test_5_count (__main__.TestApplication) ... 2016:03:23T15:37:26  INFO  -----START-----

```

```

2016:03:23T15:37:26  INFO  We are in setup, creating alarm obj
2016:03:23T15:37:26  INFO  =====Functional test for COUNT feature=====

```

```

2016:03:23T15:37:26 INFO PASS : Successfully count is reflected after addition 1 1 alarms
2016:03:23T15:37:26 INFO PASS : Successfully count is reflected after addition 2 2 alarms
2016:03:23T15:37:26 INFO PASS : Successfully count is reflected after deletion of alarm 1
1 alarms
2016:03:23T15:37:26 INFO We are in tear down, clearing all the alarms
ok
test_6_get (__main__.TestApplication) ... 2016:03:23T15:37:26 INFO -----START-----
2016:03:23T15:37:26 INFO We are in setup, creating alarm obj
2016:03:23T15:37:26 INFO =====Functional test for GET feature=====
2016:03:23T15:37:26 INFO PASS : GET feature functional test for title
2016:03:23T15:37:26 INFO PASS : GET feature functional test for fire_time
2016:03:23T15:37:26 INFO PASS : GET feature functional test for repeat
2016:03:23T15:37:26 INFO PASS : GET feature functional test for title
2016:03:23T15:37:26 INFO We are in tear down, clearing all the alarms
ok
test_7_get_nonexistantdata (__main__.TestApplication) ... 2016:03:23T15:37:26 INFO ----
-START-----
2016:03:23T15:37:26 INFO We are in setup, creating alarm obj
2016:03:23T15:37:26 INFO =====Testing GET functionality for non existant ID=====
2016:03:23T15:37:26 ERROR Alarm not found for the given ID
2016:03:23T15:37:26 INFO We are in tear down, clearing all the alarms
ok
test_7_remove_nonexistantdata (__main__.TestApplication) ... 2016:03:23T15:37:26 INFO
-----START-----
2016:03:23T15:37:26 INFO We are in setup, creating alarm obj
2016:03:23T15:37:26 INFO =====Testing REMOVE functionality for non existant ID=====
2016:03:23T15:37:26 ERROR Alarm not found for the given ID
2016:03:23T15:37:26 INFO We are in tear down, clearing all the alarms
ok

```

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Ran 8 tests in 0.004s

OK

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Total time => 0.0565400123596 seconds

Start Time => 1458727646.12

Finish Time => 1458727646.18

```
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**
```

```
blr-mpshv:framework pgovindr$
```

## 2. Component and Negative testing

```
blr-mpshv:last_test_run_report pgovindr$ cat component_and_negative.txt
```

```
blr-mpshv:framework pgovindr$ ./harness --
```

```
pythonpath=/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework --testscript=scripts/component_and_negative_tests.py
```

```
*****
**
```

Test File: scripts/component\_and\_negative\_tests.py

PythonPath:

```
['/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework', '/Library/Python/2.7/site-packages/selenium-2.46.0-py2.7.egg', '/Library/Python/2.7/site-packages/pip-7.0.3-py2.7.egg', '/Library/Python/2.7/site-packages/MySQL_python-1.2.5-py2.7-macosx-10.10-intel.egg', '/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework', '/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python27.zip', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-darwin', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac/lib-scriptpackages', '/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-tk', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-old', '/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-dynload', '/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python/PyObjC', '/Library/Python/2.7/site-packages']
```

```
*****
**
```

```
test_1_component_add (__main__.TestApplication) ... 2016:03:23T15:53:30 INFO START-----
```

```
2016:03:23T15:53:30 INFO We are in setup, creating alarm obj
```

```

2016:03:23T15:53:30 INFO =====Component test for ADD feature; check add feature
behavior when string repeat passed=====
2016:03:23T15:53:30 INFO PASS : Add function adds one alarm
2016:03:23T15:53:30 INFO Data sent; title ->'New alarm test' fire_time -> 'Tue Mar 22
00:59:30 IST 2016' repeat ->"hello"
2016:03:23T15:53:30 INFO Data added {'fire_time': 'Tue Mar 22 00:59:30 IST 2016',
'repeat': True, 'title': 'New alarm test'}
2016:03:23T15:53:30 INFO PASS : Data integrity test for repeat 'hello' True
2016:03:23T15:53:30 INFO We are in tear down, clearing all the alarms
ok
test_2_component_add (__main__.TestApplication) ... 2016:03:23T15:53:30 INFO -----
START-----
2016:03:23T15:53:30 INFO We are in setup, creating alarm obj
2016:03:23T15:53:30 INFO =====Component test for ADD feature; Passing insufficient
argument when "add" takes 3=====
2016:03:23T15:53:30 ERROR TypeError: Passed only 1 argument , whereas add needs
atleast 2 arguments to be passed
2016:03:23T15:53:30 ERROR TypeError: No argument passed , whereas add needs atleast
2 arguments to be passed
2016:03:23T15:53:30 ERROR TypeError: More than 3 arguments passed , whereas add
needs atleast 3 arguments to be passed
2016:03:23T15:53:30 INFO PASS : Add function failed to add alarm due to insufficient
arguments as expected
2016:03:23T15:53:30 INFO We are in tear down, clearing all the alarms
ok
test_3_component_update (__main__.TestApplication) ... 2016:03:23T15:53:30 INFO -----
START-----
2016:03:23T15:53:30 INFO We are in setup, creating alarm obj
2016:03:23T15:53:30 INFO =====Component test for UPDATE feature; check update
feature behavior when string repeat passed=====
2016:03:23T15:53:30 INFO PASS : Add function adds one alarm
2016:03:23T15:53:30 INFO Data sent for update; title ->'New alarm test' fire_time -> 'Tue
Mar 22 00:59:30 IST 2016' repeat ->"hello"
2016:03:23T15:53:30 INFO Data updated {'fire_time': 'Tue Mar 22 00:59:30 IST 2016',
'repeat': True, 'title': 'New alarm test'}
2016:03:23T15:53:30 INFO We are in tear down, clearing all the alarms
ok
test_4_component_update (__main__.TestApplication) ... 2016:03:23T15:53:30 INFO -----
START-----
2016:03:23T15:53:30 INFO We are in setup, creating alarm obj
2016:03:23T15:53:30 INFO =====Component test for UPDATE feature; Passing insufficient
argument when "add" takes 3=====
2016:03:23T15:53:30 INFO PASS : Updates an alarm when only title is passed

```

```
2016:03:23T15:53:30 ERROR TypeError: No argument passed , whereas add needs atleast
2 arguments to be passed
2016:03:23T15:53:30 ERROR TypeError: More than 4 arguments passed , whereas add
needs atleast 4 arguments to be passed
2016:03:23T15:53:30 INFO Passing non existent id to update
2016:03:23T15:53:30 INFO PASS : UPDATE function adds one alarm when non-existent ID
is passed
2016:03:23T15:53:30 INFO We are in tear down, clearing all the alarms
ok
test_5_component_get (__main__.TestApplication) ... 2016:03:23T15:53:30 INFO -----
START-----
2016:03:23T15:53:30 INFO We are in setup, creating alarm obj
2016:03:23T15:53:30 INFO =====Component test for GET feature; 'get' negative id and
larger id=====
2016:03:23T15:53:30 ERROR Alarm not found when executed a.get(-1)
2016:03:23T15:53:30 INFO PASS: a.get(1000) gets an alarm {'fire_time': 'Tue Mar 22
00:59:30 IST 2016', 'repeat': True, 'title': 'New alarm test 999'}
2016:03:23T15:53:30 INFO We are in tear down, clearing all the alarms
ok
test_5_component_remove (__main__.TestApplication) ... 2016:03:23T15:53:30 INFO -----
START-----
2016:03:23T15:53:30 INFO We are in setup, creating alarm obj
2016:03:23T15:53:30 INFO =====Component test for REMOVE feature; 'remove' negative
id and larger id=====
2016:03:23T15:53:30 ERROR Exception:Alarm not found when executed a.remove(-1)
2016:03:23T15:53:30 INFO PASS : Remove function removes an alarm when executed
with larger value, a.remove(1000)
2016:03:23T15:53:30 INFO We are in tear down, clearing all the alarms
ok
```

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Ran 6 tests in 0.008s

OK

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Total time => 0.0620949268341 seconds

Start Time => 1458728610.7

Finish Time => 1458728610.76

```
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```

blr-mpshv:framework pgovindr\$

### 3. Load testing

```
blr-mpshv:framework pgovindr$ ./harness --
pythonpath=/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework --testscript=scripts/load_testing.py
*****
*****
```

Test File: scripts/load\_testing.py

PythonPath:

```
['/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework', '/Library/Python/2.7/site-packages/selenium-2.46.0-py2.7.egg',
'/Library/Python/2.7/site-packages/pip-7.0.3-py2.7.egg', '/Library/Python/2.7/site-packages/MySQL_python-1.2.5-py2.7-macosx-10.10-intel.egg',
'/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework/final_check_framework/framework',
'/Users/pgovindr/Documents/workspace/AllPython/calm.io/framework',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python27.zip',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-darwin',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/plat-mac/lib-scriptpackages',
'/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-tk',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-old',
'/System/Library/Frameworks/Python.framework/Versions/2.7/lib/python2.7/lib-dynload',
'/System/Library/Frameworks/Python.framework/Versions/2.7/Extras/lib/python/PyObjC', '/Library/Python/2.7/site-packages']
```

```
*****
*****
```

```

test_1_add (__main__.TestApplication) ... 2016:03:23T15:53:58    INFO    -----START-----
--
2016:03:23T15:53:58    INFO    We are in setup, creating alarm obj
2016:03:23T15:53:58    INFO    Load testing the add functionality of alarm application
2016:03:23T15:53:58    INFO    PASS : Successfully loaded alarms 1000 1000 alarms
2016:03:23T15:53:58    INFO    We are in tear down, clearing all the alarms
ok
test_2_remove (__main__.TestApplication) ... 2016:03:23T15:53:58    INFO    -----
START-----
2016:03:23T15:53:58    INFO    We are in setup, creating alarm obj
2016:03:23T15:53:58    INFO    Load testing the remove functionality of alarm
application
2016:03:23T15:53:58    INFO    PASS : Successfully loaded alarms 1000 1000 alarms
2016:03:23T15:53:58    INFO    PASS : Successfully removed alarms 0 0 alarms
2016:03:23T15:53:58    INFO    We are in tear down, clearing all the alarms
ok
test_2_update (__main__.TestApplication) ... 2016:03:23T15:53:58    INFO    -----
START-----
2016:03:23T15:53:58    INFO    We are in setup, creating alarm obj
2016:03:23T15:53:58    INFO    Load testing the update functionality of alarm
application
2016:03:23T15:53:58    INFO    PASS : Successfully loaded alarms 1000 1000 alarms
2016:03:23T15:53:58    INFO    We are in tear down, clearing all the alarms
ok

```

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Ran 3 tests in 0.013s

OK

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Total time => 0.0654299259186 seconds

Start Time => 1458728638.63

Finish Time => 1458728638.7

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blr-mpshv:framework pgovindr\$

blr-mpshv:last\_test\_run\_report pgovindr\$



