

# GUI Testing

## Task

### Add Task:

Functionality	Workability
Click	Goes to Profile
Click	Clicks on Tasks
Click	Clicks on Add Task
Click	Clicks on Name text box
Type	Type the Name
Click	Clicks on Description text box
Type	Type the Description
Click	Clicks Submit

The screenshot displays the Selenium IDE interface for a project named 'karunacms'. The 'Tests' panel on the left lists various test cases, with 'add task' selected. The main workspace shows a table of commands and their targets/values for the 'add task' test case.

Command	Target	Value
1. open	https://karunacms.pythonanywhere.com/	
2. set window size	1280x672	
3. click	linkText=Profile	
4. mouse down at	css=.crisis-list	452.32177734375,304.18055725097656
5. mouse move at	css=.crisis-list	452.32177734375,304.18055725097656

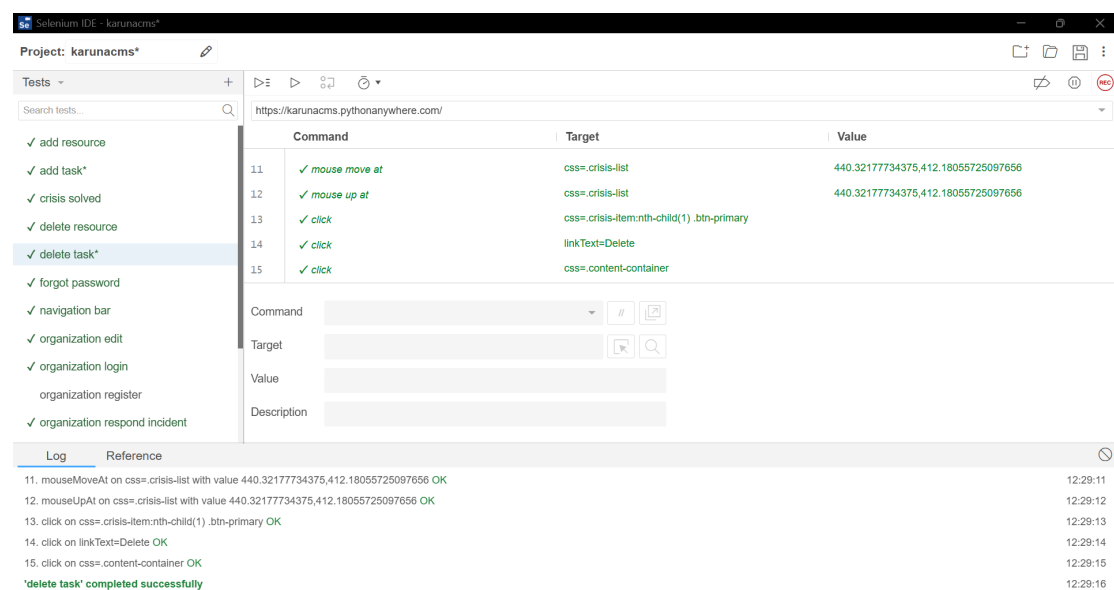
Below the table, there are input fields for 'Command', 'Target', 'Value', and 'Description'. The 'Log' panel at the bottom shows the execution history of the test case, indicating that the 'add task' operation completed successfully.

Log:

- 23. type on id=id\_name with value Donations OK 12:22:49
- 24. click on id=id\_description OK 12:22:50
- 25. type on id=id\_description with value Food,medi OK 12:22:51
- 26. type on id=id\_description with value Food,medical kits,clothing. OK 12:22:52
- 27. click on css=.btn OK 12:22:53
- 'add task' completed successfully 12:22:54

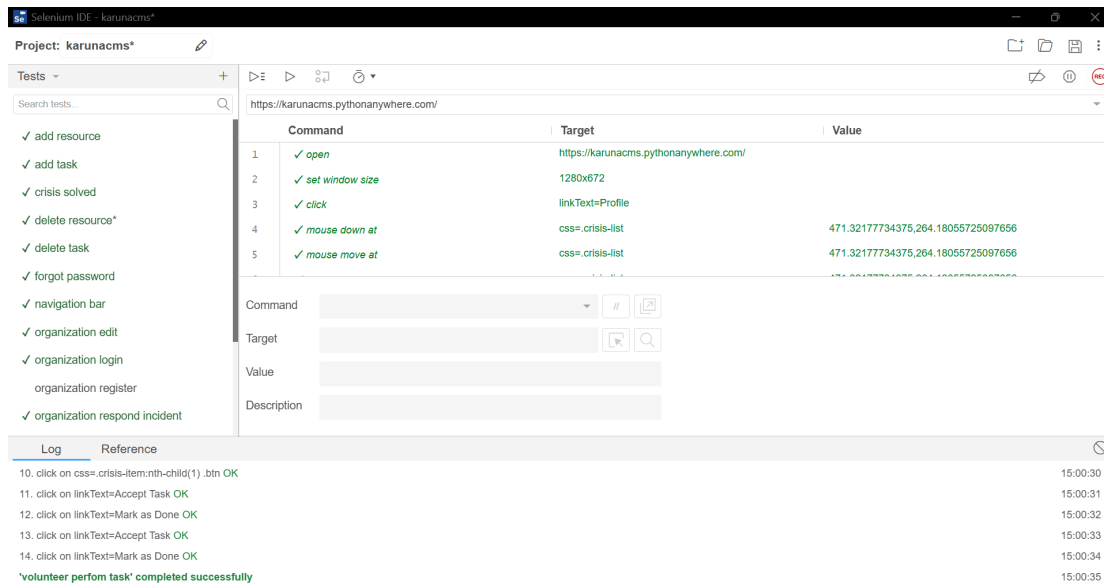
## Delete Task:

Functionality	Workability
Click	Goes to Profile
Click	Clicks on Tasks
Click	Clicks on Delete



## Volunteer perform task:

Functionality	Workability
Click	Goes to Profile
Click	Clicks on Tasks
Click	Clicks on Accept Task
Click	Clicks on Mark as Done



Code:

## Add Task:

# Generated by Selenium IDE

```
import pytest
import time
import json
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.action_chains import ActionChains
from selenium.webdriver.support import expected_conditions
from selenium.webdriver.support.wait import WebDriverWait
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.desired_capabilities import DesiredCapabilities
```

```
class TestAddtask():
```

```
    def setup_method(self, method):
        self.driver = webdriver.Chrome()
        self.vars = {}
```

```
    def teardown_method(self, method):
        self.driver.quit()
```

```
    def test_addtask(self):
```

```
        # Test name: add task
```

```
        # Step # | name | target | value | comment
```

```
        # 1 | open | https://karunacms.pythonanywhere.com/ | |
```

```

self.driver.get("https://karunacms.pythonanywhere.com/")
# 2 | setWindowSize | 1280x672 | |
self.driver.set_window_size(1280, 672)
# 3 | click | linkText=Profile | |
self.driver.find_element(By.LINK_TEXT, "Profile").click()
# 4 | mouseDownAt | css=.crisis-list | 452.32177734375,304.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).click_and_hold().perform()
# 5 | mouseMoveAt | css=.crisis-list | 452.32177734375,304.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).perform()
# 6 | mouseUpAt | css=.crisis-list | 452.32177734375,304.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).release().perform()
# 7 | click | css=.crisis-item:nth-child(1) .btn-primary | |
self.driver.find_element(By.CSS_SELECTOR, ".crisis-item:nth-child(1) .btn-
primary").click()
# 8 | click | linkText=Add Task | |
self.driver.find_element(By.LINK_TEXT, "Add Task").click()
# 9 | click | id=id_name | |
self.driver.find_element(By.ID, "id_name").click()
# 10 | type | id=id_name | Food distribution |
self.driver.find_element(By.ID, "id_name").send_keys("Food distribution ")
# 11 | click | id=id_description | |
self.driver.find_element(By.ID, "id_description").click()
# 12 | click | id=id_description | |
self.driver.find_element(By.ID, "id_description").click()
# 13 | type | id=id_description | Helping relief teams distribute food and supplies.
|
self.driver.find_element(By.ID, "id_description").send_keys("Helping relief teams
distribute food and supplies.")
# 14 | click | css=.btn | |
self.driver.find_element(By.CSS_SELECTOR, ".btn").click()
# 15 | click | linkText=Add Task | |
self.driver.find_element(By.LINK_TEXT, "Add Task").click()
# 16 | click | id=id_name | |
self.driver.find_element(By.ID, "id_name").click()
# 17 | type | id=id_name | Rescur operation |
self.driver.find_element(By.ID, "id_name").send_keys("Rescur operation ")
# 18 | click | id=id_description | |
self.driver.find_element(By.ID, "id_description").click()
# 19 | type | id=id_description | Assisting in search and rescue operations (if
trained). |

```

```

        self.driver.find_element(By.ID, "id_description").send_keys("Assisting in search
and rescue operations (if trained).")
# 20 | click | css=.btn | |
self.driver.find_element(By.CSS_SELECTOR, ".btn").click()
# 21 | click | linkText=Add Task | |
self.driver.find_element(By.LINK_TEXT, "Add Task").click()
# 22 | click | id=id_name | |
self.driver.find_element(By.ID, "id_name").click()
# 23 | type | id=id_name | Donations |
self.driver.find_element(By.ID, "id_name").send_keys("Donations")
# 24 | click | id=id_description | |
self.driver.find_element(By.ID, "id_description").click()
# 25 | type | id=id_description | Food,medi |
self.driver.find_element(By.ID, "id_description").send_keys("Food,medi")
# 26 | type | id=id_description | Food,medical kits,clothing. |
self.driver.find_element(By.ID, "id_description").send_keys("Food,medical
kits,clothing.")
# 27 | click | css=.btn | |
self.driver.find_element(By.CSS_SELECTOR, ".btn").click()

```

## Delete Task:

```

# Generated by Selenium IDE
import pytest
import time
import json
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.action_chains import ActionChains
from selenium.webdriver.support import expected_conditions
from selenium.webdriver.support.wait import WebDriverWait
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.desired_capabilities import DesiredCapabilities

class TestDeletetask():
    def setup_method(self, method):
        self.driver = webdriver.Chrome()
        self.vars = {}

    def teardown_method(self, method):
        self.driver.quit()

    def test_deletetask(self):
        # Test name: delete task
        # Step # | name | target | value | comment

```

```
# 1 | open | https://karunacms.pythonanywhere.com/ | |
self.driver.get("https://karunacms.pythonanywhere.com/")
# 2 | setWindowSize | 1280x672 | |
self.driver.set_window_size(1280, 672)
# 3 | click | linkText=Profile | |
self.driver.find_element(By.LINK_TEXT, "Profile").click()
# 4 | mouseDownAt | css=.crisis-list | 430.32177734375,132.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).click_and_hold().perform()
# 5 | mouseMoveAt | css=.crisis-list | 430.32177734375,132.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).perform()
# 6 | mouseUpAt | css=.crisis-list | 430.32177734375,132.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).release().perform()
# 7 | mouseDownAt | css=.crisis-list | 425.32177734375,327.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).click_and_hold().perform()
# 8 | mouseMoveAt | css=.crisis-list | 425.32177734375,327.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).perform()
# 9 | mouseUpAt | css=.crisis-list | 425.32177734375,327.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).release().perform()
# 10 | mouseDownAt | css=.crisis-list | 440.32177734375,412.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).click_and_hold().perform()
# 11 | mouseMoveAt | css=.crisis-list | 440.32177734375,412.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).perform()
# 12 | mouseUpAt | css=.crisis-list | 440.32177734375,412.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).release().perform()
# 13 | click | css=.crisis-item:nth-child(1) .btn-primary | |
self.driver.find_element(By.CSS_SELECTOR, ".crisis-item:nth-child(1) .btn-
primary").click()
# 14 | click | linkText=Delete | |
self.driver.find_element(By.LINK_TEXT, "Delete").click()
```

```
# 15 | click | css=.content-container | |
self.driver.find_element(By.CSS_SELECTOR, ".content-container").click()
```

## Volunteer performs task:

```
# Generated by Selenium IDE
import pytest
import time
import json
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.common.action_chains import ActionChains
from selenium.webdriver.support import expected_conditions
from selenium.webdriver.support.wait import WebDriverWait
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.desired_capabilities import DesiredCapabilities

class TestVolunteerperformtask():
    def setup_method(self, method):
        self.driver = webdriver.Chrome()
        self.vars = {}

    def teardown_method(self, method):
        self.driver.quit()

    def test_volunteerperformtask(self):
        # Test name: volunteer perform task
        # Step # | name | target | value | comment
        # 1 | open | https://karunacms.pythonanywhere.com/ | |
        self.driver.get("https://karunacms.pythonanywhere.com/")
        # 2 | setWindowSize | 1280x672 | |
        self.driver.set_window_size(1280, 672)
        # 3 | click | linkText=Profile | |
        self.driver.find_element(By.LINK_TEXT, "Profile").click()
        # 4 | mouseDownAt | css=.crisis-list | 471.32177734375,264.18055725097656 |
        element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
        actions = ActionChains(self.driver)
        actions.move_to_element(element).click_and_hold().perform()
        # 5 | mouseMoveAt | css=.crisis-list | 471.32177734375,264.18055725097656 |
        element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
        actions = ActionChains(self.driver)
        actions.move_to_element(element).perform()
        # 6 | mouseUpAt | css=.crisis-list | 471.32177734375,264.18055725097656 |
        element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
        actions = ActionChains(self.driver)
```

```
actions.move_to_element(element).release().perform()
# 7 | mouseDownAt | css=.crisis-list | 436.32177734375,329.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).click_and_hold().perform()
# 8 | mouseMoveAt | css=.crisis-list | 436.32177734375,329.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).perform()
# 9 | mouseUpAt | css=.crisis-list | 436.32177734375,329.18055725097656 |
element = self.driver.find_element(By.CSS_SELECTOR, ".crisis-list")
actions = ActionChains(self.driver)
actions.move_to_element(element).release().perform()
# 10 | click | css=.crisis-item:nth-child(4) .btn | |
self.driver.find_element(By.CSS_SELECTOR, ".crisis-item:nth-child(4) .btn").click()
# 11 | click | linkText=Accept Task | |
self.driver.find_element(By.LINK_TEXT, "Accept Task").click()
# 12 | click | linkText=Mark as Done | |
self.driver.find_element(By.LINK_TEXT, "Mark as Done").click()
# 13 | click | linkText=Accept Task | |
self.driver.find_element(By.LINK_TEXT, "Accept Task").click()
# 14 | click | linkText=Mark as Done | |
self.driver.find_element(By.LINK_TEXT, "Mark as Done").click()
```