

# GUI Testing

## Navigation Bar:

| Functionality | Workability        |
|---------------|--------------------|
| Click         | Goes to Home       |
| Click         | Goes to Resources  |
| Click         | Goes to Volunteers |
| Click         | Goes to Guidelines |
| Click         | Goes to Incidents  |
| Click         | Goes to Donate     |
| Click         | Goes to Profile    |

The screenshot displays the Selenium IDE interface for a project named 'karunacms'. The URL bar shows 'https://karunacms.pythonanywhere.com/'. The test suite 'organization edit' is selected, and the log shows the following steps:

| Step | Command | Target            | Value          |
|------|---------|-------------------|----------------|
| 4    | click   | css=.edit-btn     |                |
| 5    | click   | id=level          |                |
| 6    | select  | id=level          | label=Regional |
| 7    | click   | css=button        |                |
| 8    | click   | css=.profile-left |                |

The log at the bottom indicates that the test 'organization edit' completed successfully at 12:04:41.

## Forgot Password:

| Functionality | Workability               |
|---------------|---------------------------|
| Click         | Goes to Register/ Login   |
| Click         | Clicked on Email text box |
| Type          | Type the email            |
| Click         | Reset                     |
| Click         | Clicked on Email text box |
| Type          | Type the email            |
| Click         | Reset my Password         |

The screenshot displays the Selenium IDE interface for a project named 'karunacms'. The main workspace shows a test suite with five steps:

| Step | Command         | Target                                 | Value |
|------|-----------------|--|-------|
| 1    | open            | https://karunacms.pythonyanywhere.com/ |       |
| 2    | set window size | 1280x672                               |       |
| 3    | click           | linkText=Incidents                     |       |
| 4    | click           | linkText=Respond                       |       |
| 5    | click           | id=tab-inprogress                      |       |

Below the test suite, there are input fields for Command, Target, Value, and Description. The bottom panel shows the execution log:

```
1. open on https://karunacms.pythonyanywhere.com/ OK 12:11:12
2. setWindowSize on 1280x672 OK 12:11:12
3. click on linkText=Incidents OK 12:11:12
4. click on linkText=Respond OK 12:11:13
5. click on id=tab-inprogress OK 12:11:15
'organization respond incident' completed successfully 12:11:18
```

## Code:

### Navigation bar:

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

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

    def test_navigationbar(self):
        # Test name: navigation bar
        # 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=Home | | 
        self.driver.find_element(By.LINK_TEXT, "Home").click()
        # 4 | click | linkText=Resources | | 
        self.driver.find_element(By.LINK_TEXT, "Resources").click()
        # 5 | click | linkText=Volunteers | | 
        self.driver.find_element(By.LINK_TEXT, "Volunteers").click()
        # 6 | click | linkText=Guidelines | | 
        self.driver.find_element(By.LINK_TEXT, "Guidelines").click()
        # 7 | click | linkText=Incidents | | 
        self.driver.find_element(By.LINK_TEXT, "Incidents").click()
        # 8 | click | linkText=Donate | | 
        self.driver.find_element(By.LINK_TEXT, "Donate").click()
        # 9 | click | linkText=Profile | | 
```

```
self.driver.find_element(By.LINK_TEXT, "Profile").click()
```

## Forgot Password:

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

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

    def test_forgotpassword(self):
        # Test name: forgot password
        # 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=Register/Login | | 
        self.driver.find_element(By.LINK_TEXT, "Register/Login").click()
        # 4 | click | id=email | | 
        self.driver.find_element(By.ID, "email").click()
        # 5 | type | id=email | antra@gmail.com | 
        self.driver.find_element(By.ID, "email").send_keys("antra@gmail.com")
        # 6 | click | linkText=Reset | | 
        self.driver.find_element(By.LINK_TEXT, "Reset").click()
        # 7 | click | id=id_email | | 
        self.driver.find_element(By.ID, "id_email").click()
        # 8 | type | id=id_email | antra@gmail.com | 
        self.driver.find_element(By.ID, "id_email").send_keys("antra@gmail.com")
        # 9 | click | css=.submit-row > input | | 
        self.driver.find_element(By.CSS_SELECTOR, ".submit-row > input").click()
```