TESTING WITH SELENIUM		
Nama	:	Ade Candra
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Aplikasi	:	https://trensentimen.my.id
Task	:	Registrasi User

🔸 Kode

```python
import time
import unittest
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC


class SystemTest(unittest.TestCase):
    def setUp(self):
        # Inisialisasi WebDriver
        self.driver = webdriver.Chrome()

    def tearDown(self):
        # Tambahkan penundaan waktu sebelum menutup WebDriver
        time.sleep(5)

        # Menutup WebDriver
        self.driver.quit()

    def register(self, name, email, password, nohp, confirmpassword):
        # Temukan tombol login di dalam menu
        time.sleep(2)

        # Mencari elemen input username dan password menggunakan ID

        name_input = self.driver.find_element(By.ID, "name")
        email_input = self.driver.find_element(By.ID, "email")
        password_input = self.driver.find_element(By.ID, "password")
        nohp_input = self.driver.find_element(By.ID, "nohp")
        confirmpassword_input = self.driver.find_element(By.ID, "confirm-password")

        # Memasukkan nama pengguna dan kata sandi
        name_input.send_keys(name)
        email_input.send_keys(email)
        password_input.send_keys(password)
        nohp_input.send_keys(nohp)
        confirmpassword_input.send_keys(confirmpassword)


        time.sleep(2)

        # Klik tombol Login

        button = self.driver.find_element(By.ID, "button")
        button.click()

        time.sleep(2)

        # Tunggu maksimal 10 detik hingga alert muncul
        WebDriverWait(self.driver, 10).until(EC.alert_is_present())

        # Menangani alert dengan mengonfirmasi (klik OK)
        alert = self.driver.switch_to.alert
        alert.accept()
        time.sleep(10)

    def login(self, username, password):

        time.sleep(2)
        email_input = self.driver.find_element(By.ID, "email")
        password_input = self.driver.find_element(By.ID, "password")\
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64          email_input.send_keys(username)
65          password_input.send_keys(password)
66
67          time.sleep(2)
68          button = self.driver.find_element(By.XPATH, "//button[@type='submit']")
69          button.click()
70
71          # Tunggu maksimal 10 detik hingga alert muncul
72          WebDriverWait(self.driver, 10).until(EC.alert_is_present())
73
74          # Menangani alert dengan mengonfirmasi (klik OK)
75          alert = self.driver.switch_to.alert
76          alert.accept()
77
78      def test_daftar(self):
79          # Membuka halaman web
80          self.driver.get("https://trensentimen.my.id/register.html")
81          time.sleep(2)
82          self.register("ade candra", "adecandra321@gmail.com", "1234567890", "628311628178789", "1234567890")

84          # Login
85          self.login("adecandra321@gmail.com", "1234567890")
86          time.sleep(2)
87
88
89
90  if __name__ == "__main__":
91      unittest.main()
```

🧩 Hasil Output

```
PS C:\ade candra\semester 6\sofware\tugas\Chapter3> python testDaftar.py

DevTools listening on ws://127.0.0.1:58646/devtools/browser/c9899b10-1725-4e7a-ad92-ad57e76478ca
.
----------------------------------------------------------------------
Ran 1 test in 54.890s

OK
```

Link video

https://github.com/Software-Qualty/AdeCandra