



# AUTOMATION MID-PROJECT

Presented by Duleen Mubarak

# INTRODUCTION

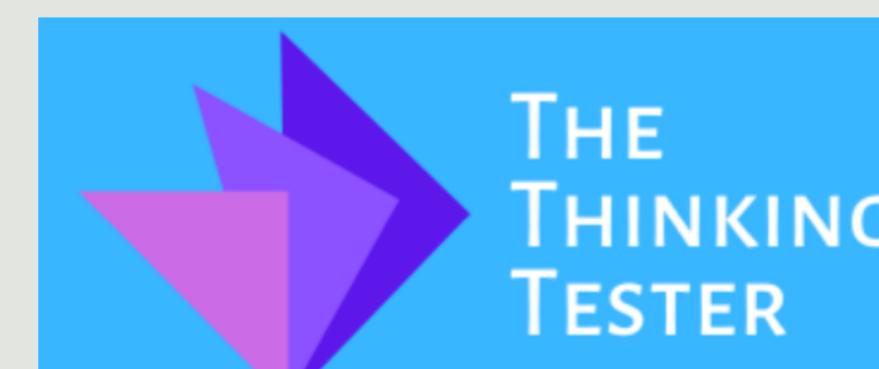
## Presenter

- Duleen Mubarak
- QA Automation student
- Bsc. Food Science
- QA&QC at Depotchem

## Project

- Testing the Thinking Tester Contact List Application
- CRUD app

[source](#)





# NAVIGATION

Log in page

Home page

Add a new contact page

Contact details review page

## Contact List

Click on any contact to view the Contact Details

[Add a New Contact](#)

Name	Birthdate	Email	Phone	Address	City, State/Province, Postal Code	Country
Catherine Matthews	1982-05-24	michellewilliams@example.net	4668470123	6627 Ashley Drive Suite 595	New Jamesborough Pennsylvania 27148	Papua New Guinea
Wendy McIntosh	1940-11-09	wperez@example.net	9290112266	66933 Michael Mall Apt. 848	Davechester Florida 61805	Lesotho
Daniel Mitchell	1953-03-20	qdunlap@example.com	6133645705	5056 Michael Crest Apt. 756 Apt. 602	Dennisview Florida 75760	Switzerland
Anthony Murillo	1946-12-06	wstanley@example.com	5562641449	1296 Carter Heights Apt. 415 Suite 952	North Donald Kentucky 84979	French Guiana
Adrienne Olson	2011-04-26	kathleenlee@example.com	1683903925	9447 Alexis Bypass Apt. 298 Suite 270	Stephaniemouth Utah 07230	United Arab Emirates
Patricia Osborne	1964-09-16	williamsrobin@example.org	1199147988	684 Tammy Plain Suite 012 Apt. 946	Lake Jordan Georgia 88204	Saint Martin
Deborah Phillips	1963-11-02	tmyers@example.net	8848463169	31612 Katrina Shoals Apt. 413	Andrewborough Vermont 27894	Central African Republic

Activate Windows



# PURPOSE

The purpose of these tests is to practice testing core features such as sign-up, login, and contact management. They focus on verifying the functionality of elements like form submissions, buttons, and data handling.



# METHODS AND LIBRARIES

**OOP manner**

**Browsers:** Firefox, Chrome

**Builded function:** generate\_random\_contact()

**Libraries:** Faker, Pytest, Selenium webdriver, time, pytest-HTML, Selenium Grid

# Pytest-HTML

## report.html

Report generated on 04-Dec-2024 at 13:42:36 by [pytest-html v4.1.1](#)

### Environment

Python	3.12.3
Platform	Windows-11-10.0.22631-SP0
Packages	<ul style="list-style-type: none"><li>• pytest: 8.3.3</li><li>• pluggy: 1.5.0</li></ul>
Plugins	<ul style="list-style-type: none"><li>• Faker: 33.1.0</li><li>• html: 4.1.1</li><li>• metadata: 3.1.1</li></ul>

### Summary

34 tests took 00:11:43.

(Un)check the boxes to filter the results.

3 Failed,  27 Passed,  0 Skipped,  4 Expected failures,  0 Unexpected passes,  0 Errors,  0 Reruns

[Show all details](#) / [Hide all details](#)

Result ▼	Test	Duration	Links
XFailed	test_login.py::TestLogin::test_invalid_user_login	00:00:18	
XFailed	test_login.py::TestLogin::test_invalid_password_login	00:00:17	
XFailed	test_login.py::TestLogin::test_empty_input	00:00:17	
XFailed	test_signup.py::TestSignup::test_invalid_chars_in_username_sign_up	00:00:15	
Passed	test_buttons_functionality.py::TestButtonsFuncionality::test_submit_button_login_page	00:00:18	



# METHODS AND LIBRARIES

**OOP manner**

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# Selenium Grid

10.0.0.16:4444/ui/#

LinkedIn Course | CS50 | edX Translate Calendar SLACK - ATHAR YouTube RSS SQL ChatGPT Python W3 Flixtor - Watch movies... GitHub

Selenium Grid 4.26.0 (revision 69f9e5e)

Overview Sessions Help

Sort By Platform Name Descending

URI: http://10.0.0.16:5555

i

Stereotypes

Sessions: 2 Max. Concurrency: 8 25%

Help - All rights reserved - Software Freedom Conservancy 2024.

Queue size: 0

Activate Windows  
Go to Settings to activate Windows.



# TEST CASES

## Sign up

- o Valid details
- o Short password
- o Invalid chars in password
- o Invalid chars in username
- o Username length limitation
- o Sign up with registered email



# TEST CASES

## Log in

- o Successful log in
- o Invalid user log in
- o Wrong password
- o Empty input
- o Logout

# TEST CASES

## Buttons functionality

- o Sign up button in log in page
- o Submit button in log in page
- o Log out button in contacts list page
- o Add a new contact
- o Submit button in add a new contact page
- o Cancel button in add a new contact page
- o Edit button in the contact page
- o Delete button in the contact page



# TEST CASES

## Contacts list page

- o Add new contact
- o Edit contact
- o Delete contact
- o Invalid contacts details
- o Add empty input
- o Full required fields
- o Missed required fields
- o Invalid email format
- o Localization – Arabic



# TEST CASES

## Contact page

- o Testing if the fields are visible and populated right
  
- o Back button



# TEST CASES

## Home page

- o Branding - the logo is visible
- o Testing the table
- o Copy rights declaration



# TEST CASES

## Data preservation

- o Testing storing the contacts data
- o User details preservation



# DEMO



# Thank You

For your attention