Reinventing The Wheel: Lessons Learned From My First Year as an Automation Test Developer

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Agenda

1. Introduction
2. Deciding on a Framework
3. Growing in Knowledge
4. Code Organization and Readability
5. Collaboration
6. Q&A
1. Introduction

• Born and raised in Namibia
• Completed high school at MUWCI, India
• Completed college Luther College, USA
• Worked at Fastenal Company, Preventice Technologies, Mayo Clinic
Software Tester DNA

- Good and Open Listener
- Detail Oriented
- Patient
- Curious
- Advocate for the End User
2. Deciding on a Framework

- Decision Matrix
- Documentation
- The usefulness of side projects and examples

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3. Growing Knowledge

• The more you know, the more you know
• Creating valuable bug reports
• Gap Analysis and Shift Left Testing
4. Code Organization and Readability

- Reusability through Page Model patterns
- Let the tests do the testing
- DRY
- Pull Requests

```javascript
Example 1
test('Assert the 'Create' button exists', async t => {
    // Log into the Admin page
    await t
    .typeText(common.usernameField, data.username)
    .typeText(common.usernameField, data.username)
    .click('#doLogin');

    // Assert that the 'Create' button appears
    await t.expect(createButtonPageModel.createButton.exists).ok('The 'Create' button is not appearing');
});

Example 2
test('Assert the 'Create' button exists', async t => {
    // Log into the Admin page
    await createButtonPageModel.adminLogin()

    // Assert that the 'Create' button appears
    await t.expect(createButtonPageModel.createButton.exists).ok('The 'Create' button is not appearing');
});
```
5. Collaboration

• Asking effective question
• Creating a sense of quality in one’s community
• Cross functional collaborations
The “Reinvented” Wheel

1. Learn
2. Implement
3. Organization
4. Collaborate

Test Automation Wheel of Learning

Reinventing The Wheel: Lessons Learned From My First Year as an Automation Test Developer
Thanks for listening to my presentation!

Q&A

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