THE LIGHT AND DARK SIDES OF MAGENTO AUTOMATED TESTING

QAMadness

WE'VE BEEN LISTED AT THE **TOP SOFTWARE TESTING COMPANIES 2016-2017** ACCORDING TO CLUTCH.CO

QA MADNESS IN NUMBERS

60+ QA ENGINEERS

3260 COMPLETED WEB PROJECTS

815 COMPLETED MOBILE PROJECTS

234,158 CUPS OF COFFEE SO FAR

FOR 9 YEARS OF ACTIVITY: 652,820 WORKED HOURS

INTRODUCTION

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1.

LIGHT SIDE OF AUTOMATED TESTING

TIME SAVING
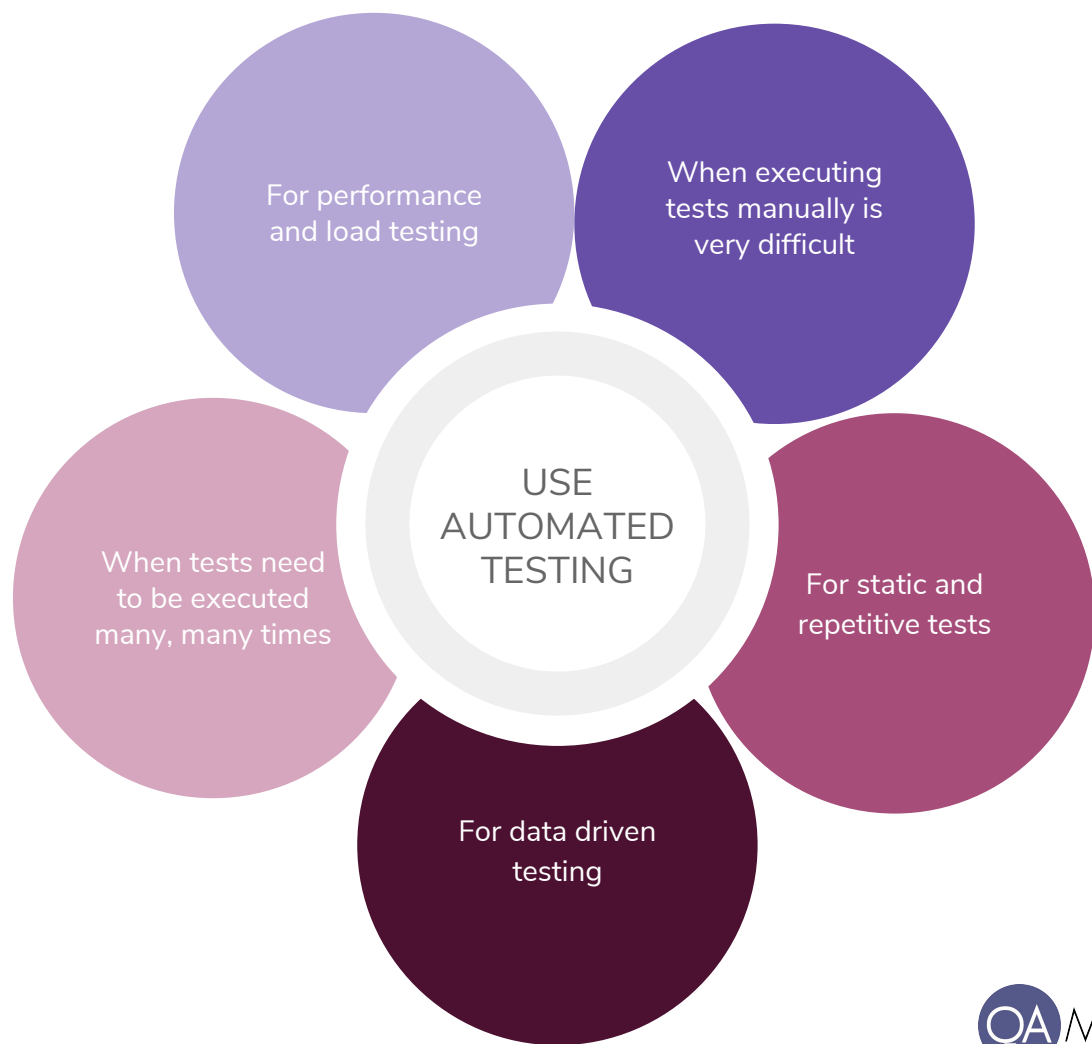
INDEPENDENCE

TEST COVERAGE INCREASING

ACCURACY

SUPER POWER

"

"It only makes sense to use automated testing tools when the costs of acquiring the tool and building and maintaining the tests is less than the efficiency gained from the effort."

John Overbaugh

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2.
DARK SIDE OF AUTOMATED TESTING

WHY DO MOST COMPANIES STILL RELY ON MANUAL TESTING

1.Time

2. Skillset

3. Cost

4. Job Security

5. Awareness

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2.
DARK SIDE OF AUTOMATED TESTING

Pesticide paradox

You never know if it's a bug or not

DARK SIDES

Automated tests need to be maintained

Slow feedback

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WHEN MANUAL TESTING IS REALLY GOOD IDEA
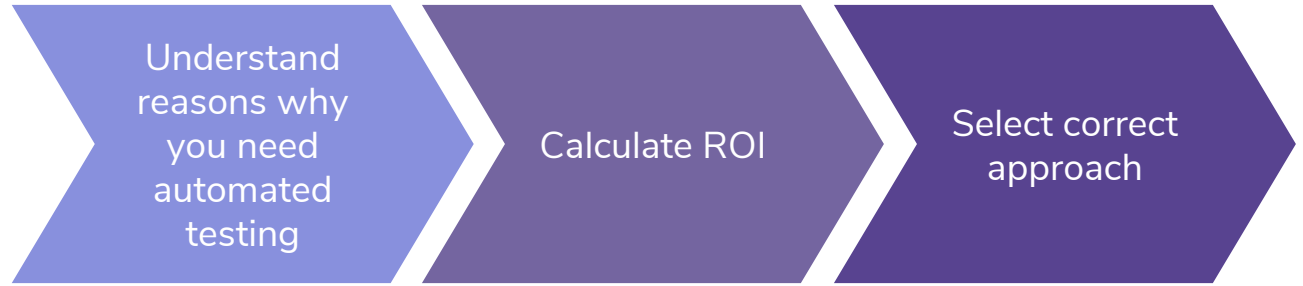
For usability, look-and-feel testing

For new/changing functionality that is still being developed and evolving / changing frequently

For strategic application functions that require specific attention

2.
DARK SIDE OF AUTOMATED TESTING

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3.
HOW TO STAY ON THE LIGHT SIDE

Understand reasons why you need automated testing

Calculate ROI

Select correct approach

- Will productivity increase with automated testing?
- Will test coverage increase?
- Will test accuracy increase?
- Is this a large data input?
- Is this GUI intensive?
- Do you have skilled resources for automated testing?
- Do you have time for writing automated testing scripts?
- Do you have budget for writing automated scripts and their maintenance?

- How much time and money do you need to spend to automate most important test cases? How much time and money do you spend for testing them manually?
- How frequently would you use automated testing tool?
- What additional tools/resources do you need to use and what price do they have?
- How much time and money do you need to spend to train your QA to use automated testing tool that has been created for your project?

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3.
HOW TO STAY ON THE LIGHT SIDE

FIGHT WITH DARK SIDES OF AUTOMATED TESTING

- Automate functions that are 80% stable and unchanging
- Work with development on unique names for controls and fields
- Don't overlook bulk data loads for the support of regression testing
- Remember to include script maintenance in estimates
- Make scripts as generic as possible
- Use control file for URL, User IDs and Passwords

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