

The background is a solid teal color. It features several faint, semi-transparent data visualization elements: a large donut chart in the upper right, a smaller donut chart below it, a bar chart in the bottom right corner with four bars of increasing height, and several other small circular elements scattered across the right side.

How Do You Start From Nothing?



What Questions Do You Need to Answer?



What Is Your Goal?

- What is the goal of the project?
 - Scratch/Test, POC project
 - Planned obsolescence
 - One-off project
 - New Framework



When is Testing a Success?

- How can you track that you are progressing towards success?
 - Code coverage
 - Number of tests
 - If there are only specific scenarios, this works great
 - Less errors found by users? (Please don't do this one)
 - More tests -> betterish?
 - Are the tests testing a metric themselves (ie performance)
- Is time to run tests a factor?
- Are there different categories of tests with different successes?
- What happens when a bug is found?



How Can Management Help

- Are there specific scenarios that need to be covered?
- When are these expected to be run?
 - Every PR/Every Branch created/Daily/Weekly
- How will the QA/Devs split testing?
 - How many manual vs automation testers
 - Developer-written unit tests can save multiple iterations of automation



Are Your Tests Alive?

- Once you write some tests will you need to tweak them later on?
- Will there be updating as the thing they are testing is updated?
- Will they die if/when the code does?
- Do they support each other, or can they stand on their own?
- Is there a plan for them going forward?
- Can you write reusable code?
 - Can developers write repeatable code?



Should You Automate It

Maybe



Should You Automate It

- How quickly can automation be written?
- Who knows how to write it?
- Does it get written with the code?
 - You don't want out of date automation
- How long does manual testing take? When does automation actually save time.
 - Does not having someone push a button mean anyone can run the tests?
- Writing manual scripts to base automation on, doesn't always make sense
 - Directly writing code may be just leave out an unneeded step



At This Point...

- We have:
 - Defined what success will be
 - Determined who will be writing tests
 - How long these tests will be need to be maintained
 - If you will have manual scripts, automation, or both
 - When these tests will run and by whom



Thank you

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<https://github.com/mikeroznik/KWSQA2019>

