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  - You don't want out of date automation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/getting_started.pdf