

Map keys

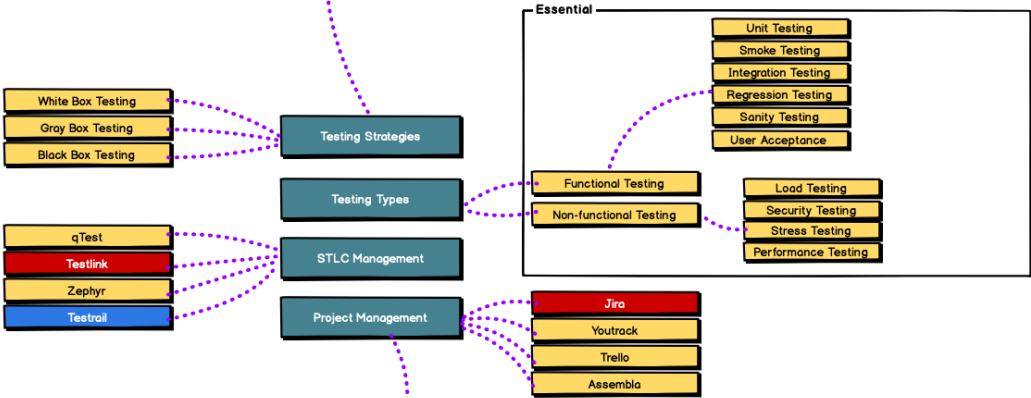
Widely used

Personal recommendation

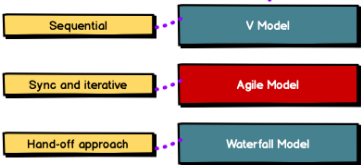
STLC - Software Testing Life Cycle
 SDLC - Software Development Life Cycle
 TDD - Test Driven Development
 RPA - Robotic Process Automation

QA Engineer Roadmap

Start with the base fundamentals

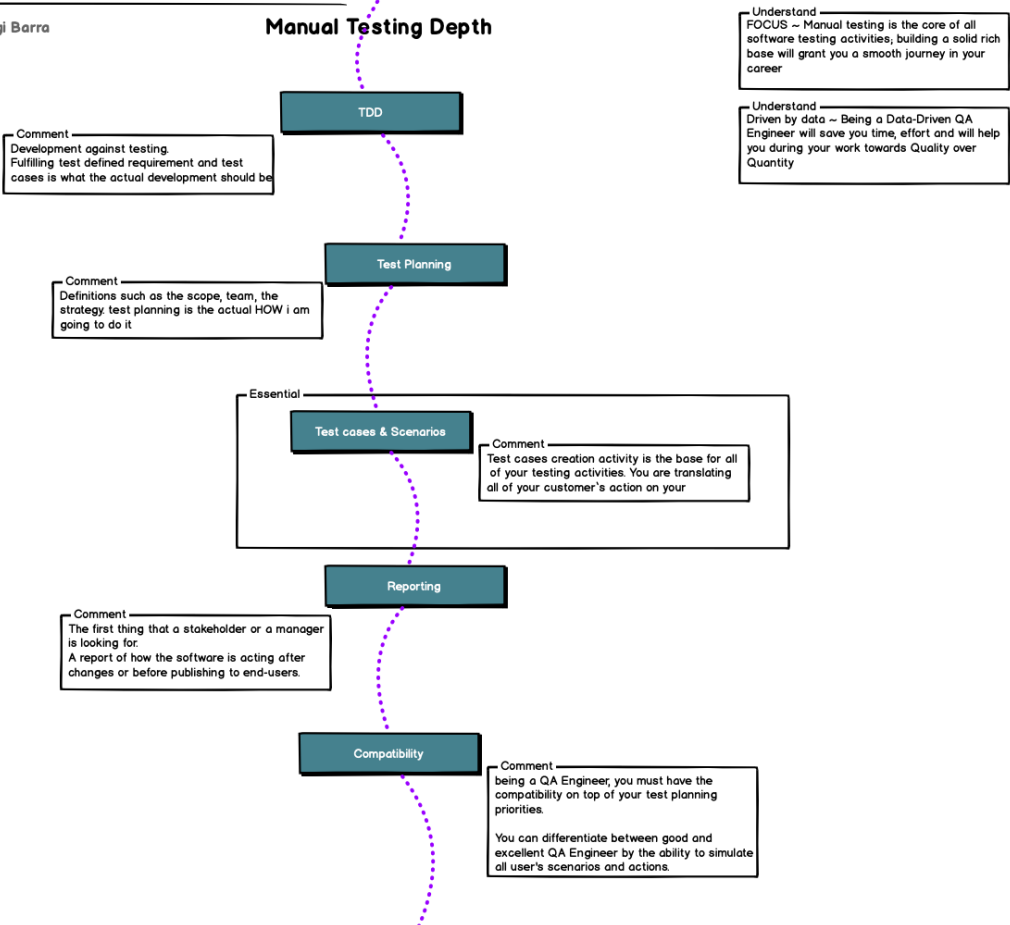


Mix above with SDLC methodologies



"You can observe a lot by watching." - Yogi Barra

Manual Testing Depth



Comment
Understand the difference in between and when to apply each
Verification: Are we building the product in the right way?
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Validation: Are we building the right product?

Verification & Validation

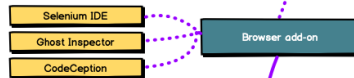
"It's automation, not automatic." - Jim Hazen

Automation Testing Depth

Backup your stack with

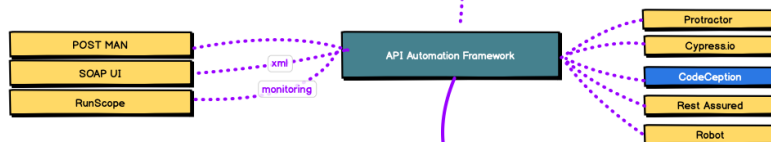
- Git - Version controller
- CI & CD basics (Jenkins, GOCD)
- Repository Hosting (GitHub,
- Terminal & Command Line

Start your journey



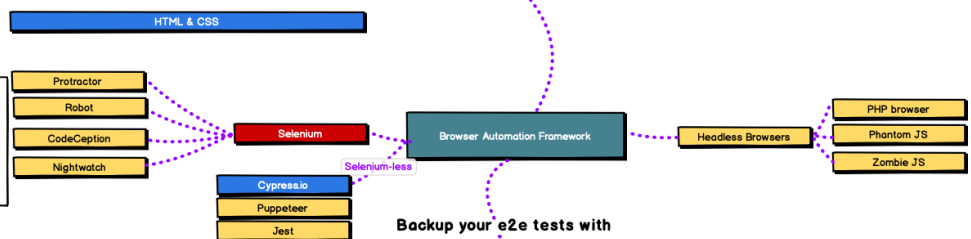
API and DB Testing

API Testing
Testing your backend calls and DB through the CLI can be really beneficial when it comes to quick and fast execution.
Browser testing cannot report any error in your logs or missing data in your DB.
Having a sanity suite of the core API calls can strengthen your testing cycle and provide you with a higher level of confidence



Browser (Web) Testing

UI Testing
UI and e2e testing approach is the most experienced type of automation, as the effort to write and maintain is high for the QA Engineers.
UI tests can be fragile if the test design phase was not implemented in good condition.
However, UI tests are the closest to the live scenarios and simulate how the users are really interacting with your software



Backup your e2e tests with



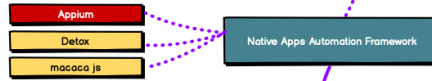
Apps Testing
Mobile phones are the dominating platform for almost any software solution. Easy to access and use anywhere/time.

Apps testing can be a bit challenging when it comes to the available tools in the market.

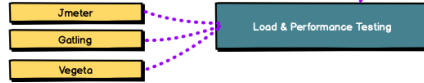
However,

having a one complete regression suite for your mobile Apps within your automation will boost your confidence whenever you run and pass the tests

Mobile Apps Testing



Non-functional Testing Depth



Open Ending... Keep Learning.