



Adapting Testing for Agile

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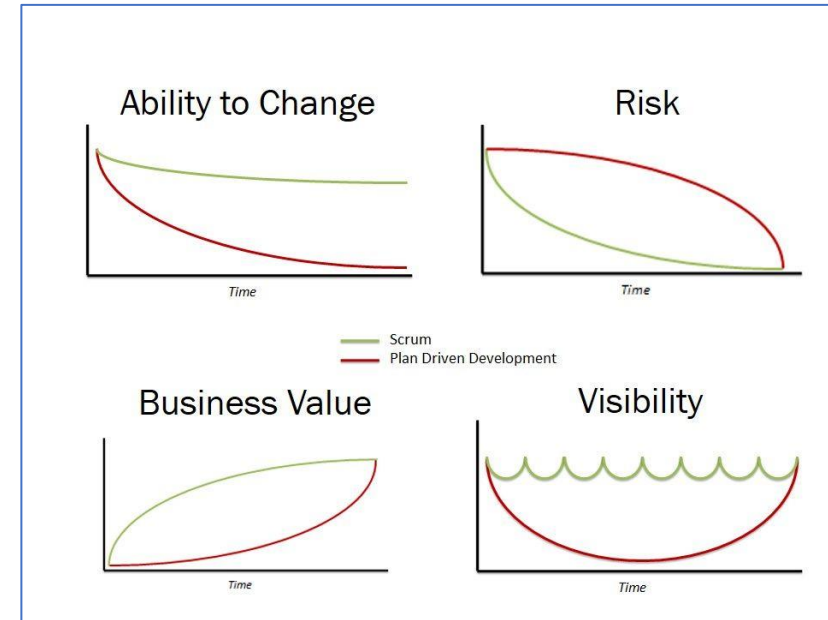
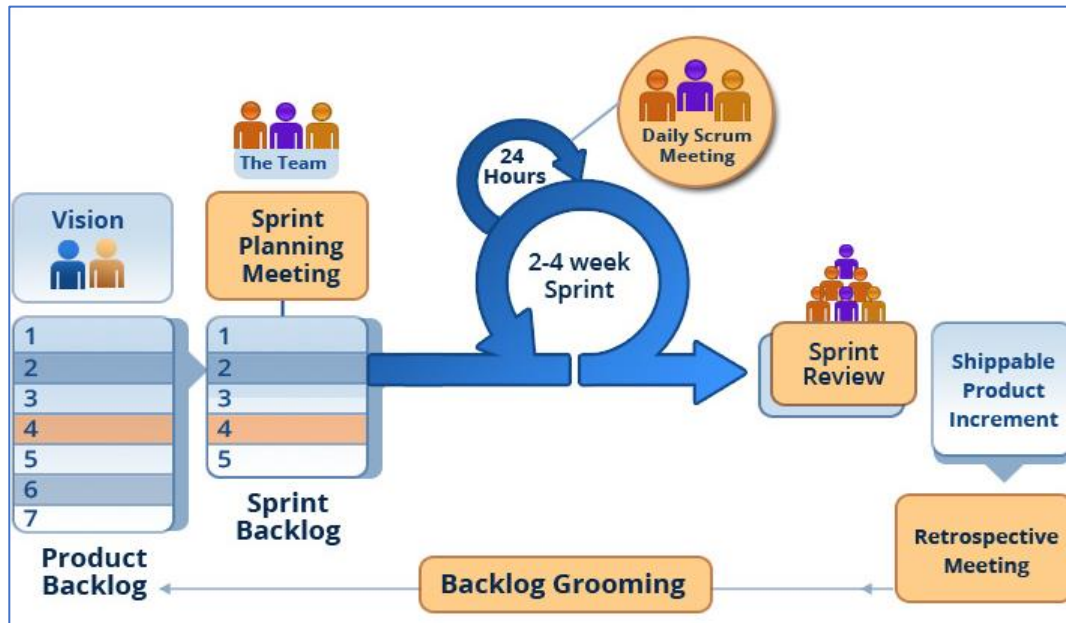
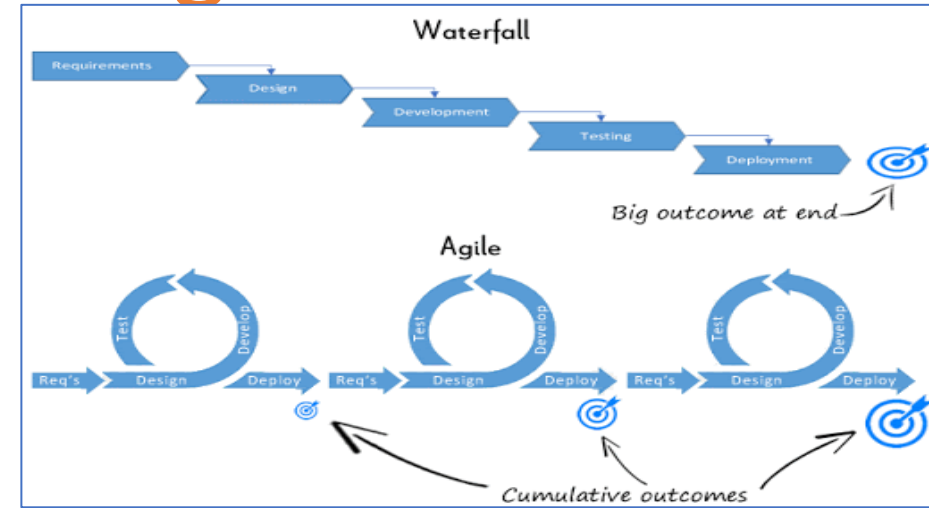
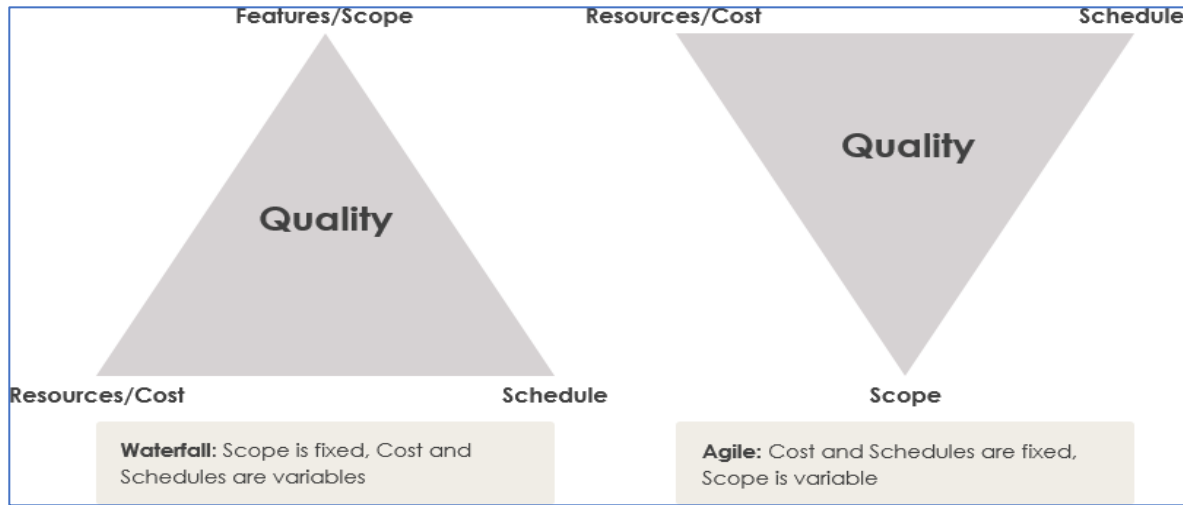
- Software Delivery leader with 25+ year experience encompassing global application delivery, program / portfolio management, solution design and technology consulting
- Proven track record in successfully leading complex and global delivery teams using Agile and DevOps
- GSA UK 2018/2019 Professional Awards Finalist
- DevOps Institute Ambassador



Testing assumptions – Waterfall Projects

- Testing must be independent from development
- Testing cannot start before coding is finished
- Testing follows the sequence of (1) test case design, (2) test case execution, (3) test case reporting
- There must be a “Test plan”
- 100% test coverage is too expensive
- 100% test automation is too expensive
- Testing must be done by ‘testers’

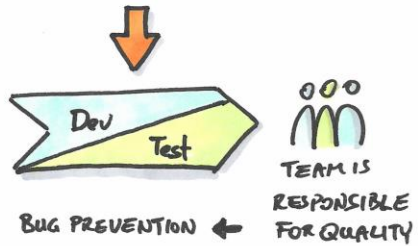
Moving from Waterfall to Agile








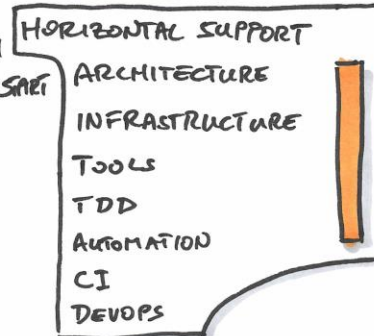
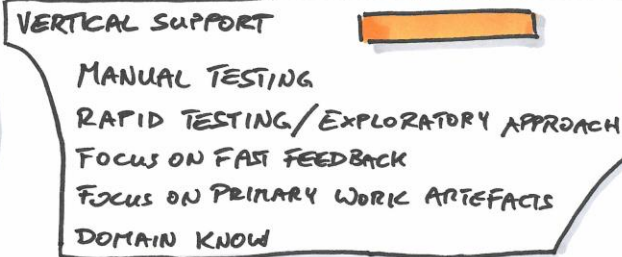
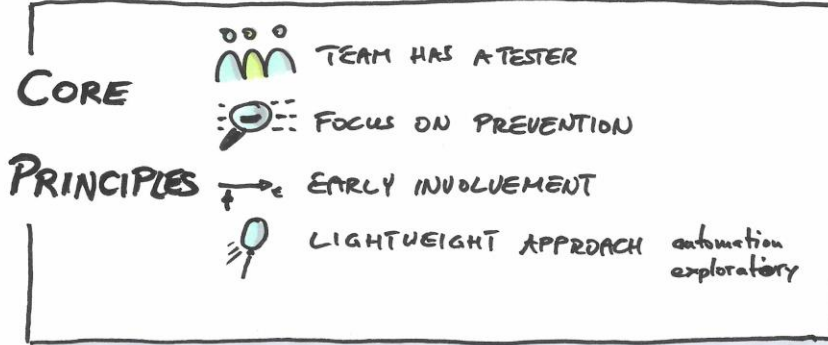
Testing in Agile

AGILE TESTING

CELEBRATE BUG PREVENTION
INSTEAD OF BUG DETECTION



NON-STOP TESTING 
PARALLEL TO DEVELOPMENT 
ALL TEST LEVELS DONE WITHIN SPRINT 
TESTING IS THE JOB OF THE ENTIRE TEAM 
TESTERS ARE ENGINEERS WITH SPECIFIC "SUPERPOWERS" 

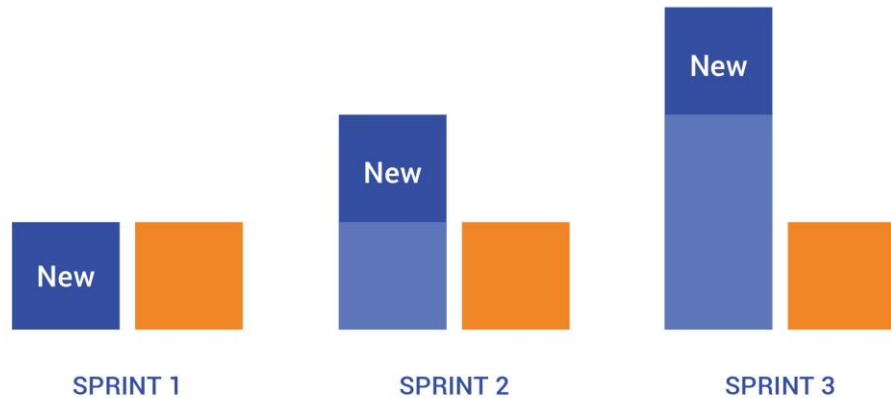


AGILE BODENSEE 2014 LI @outsender

The regression testing challenge – automation

The regression issue

As features to be tested accumulate, and with a fixed amount of testing resources available, testers are forced to make compromises.



● Features to test ● Test resources



Automated regression testing

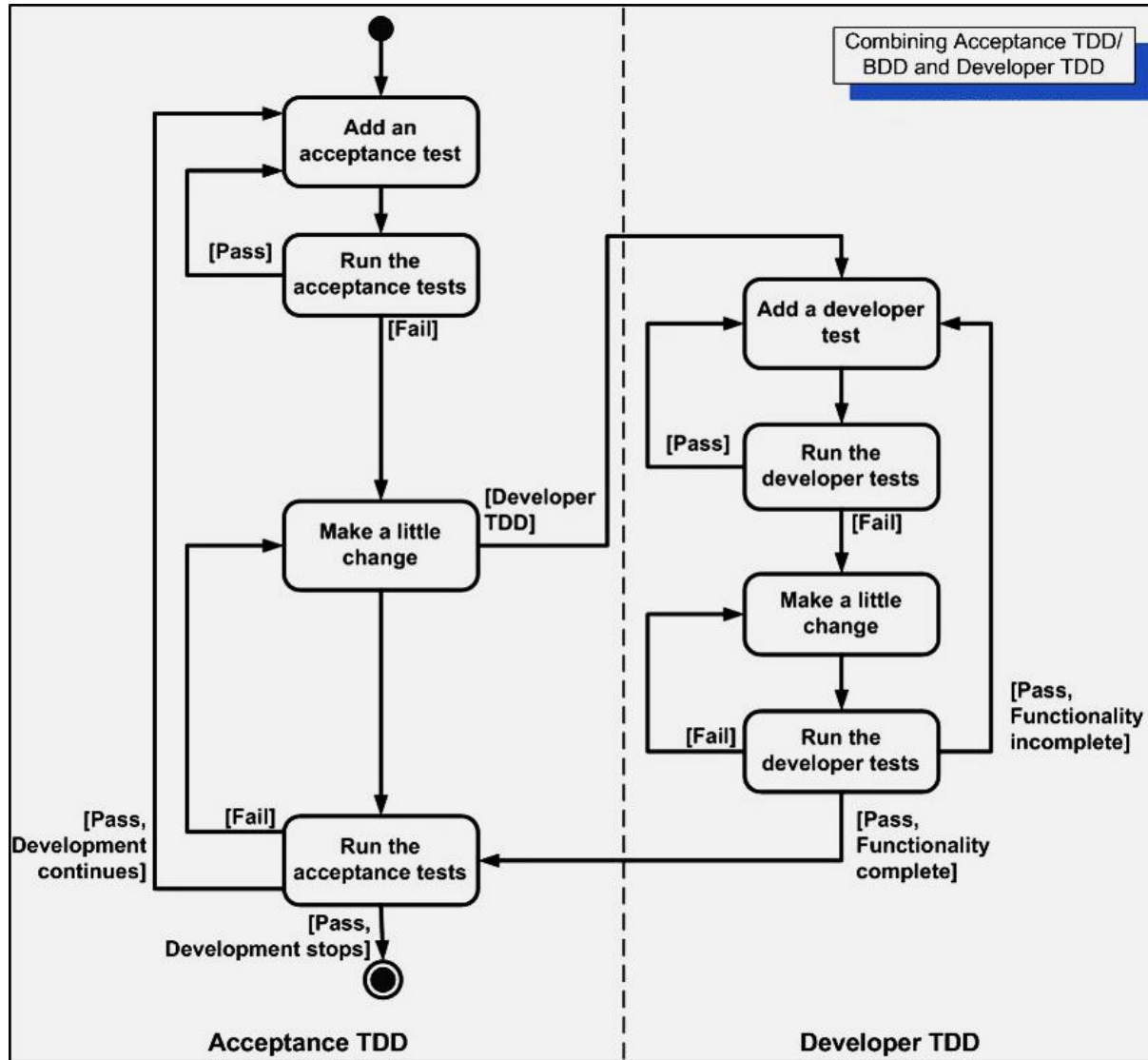
Robots take care of regression testing, while testers continue to focus on testing new features.



● Features to test ● Test resources ● Test automation

Test Driven Development

Inverting the Pyramid – Shift Left




THANK YOU

Meet me in the Network
Chat Lounge for questions

SKILUpSM DAYS

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