NATIONAL SOFTWARE TESTING CONFERENCE 2019

#NationalTestConf

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Samuel Adesoga
Agile Coach
Dacht Solutions Limited

Can Testing really be Agile?

SoftwareTestingConference.com

Can Testing really be Agile?

Samuel Adesoga

Agile Score Board

- Requirement Gathering & Analysis ✔
- Development ✔
- Testing ✖

“Individual and Interactions” over “Processes and Tools”

“Working Software” over “Comprehensive Documentation”

“Customer Collaboration” over “Contract Negotiation”

“Responding to a Change” over “Following a Plan”

“Individual and Interactions”

over

“Processes and Tools”

I NEED TO WIN THIS DEFECT CONTEST.

Practices:

- User stories Huddles.
- Testers in architectural designs decisions sessions.
- Discuss defects not hand over Tickets (Jira)
- Collaborate on high-level acceptance criteria

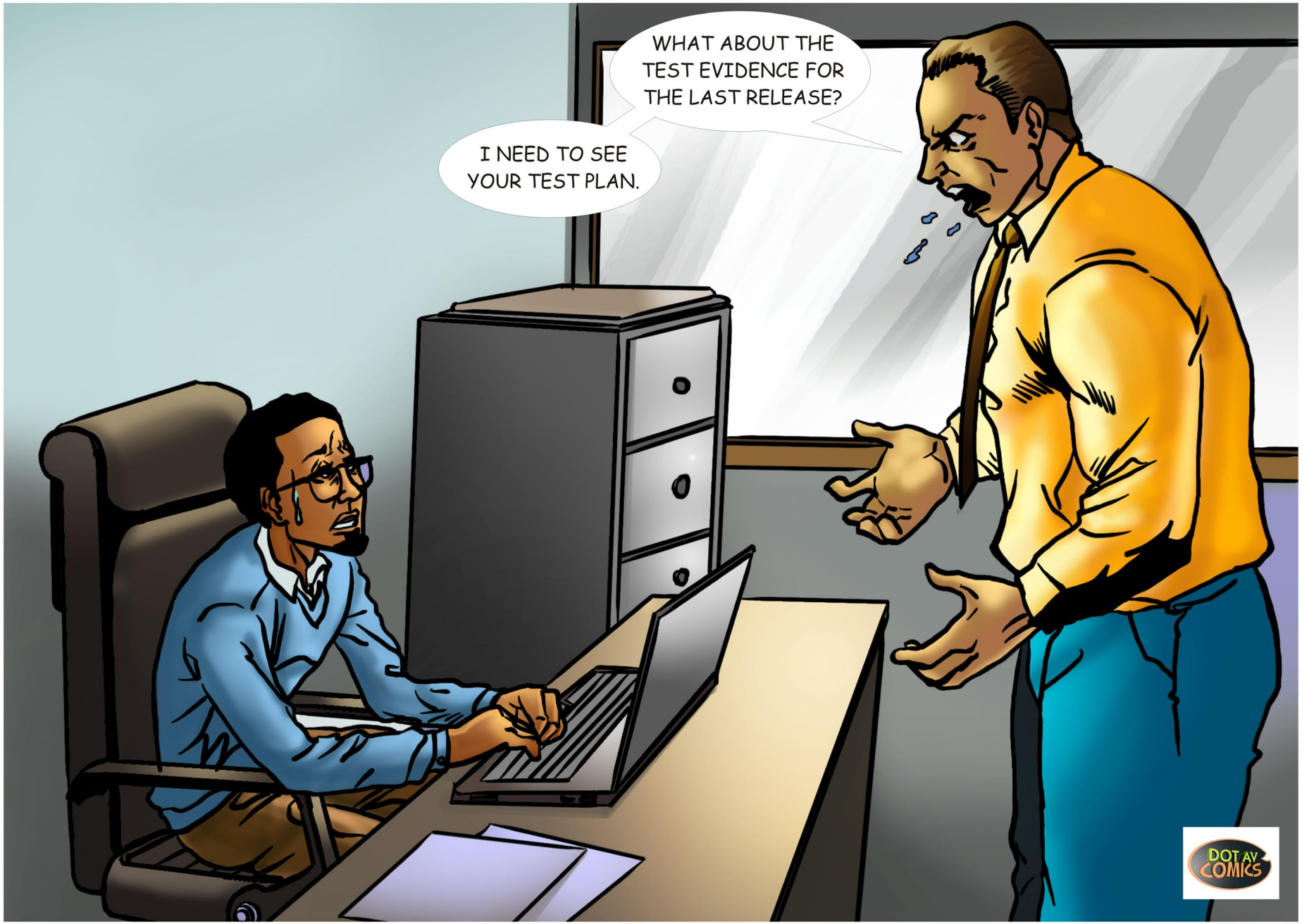
Benefits

- Reduce Test Duplication across layers within the Test Pyramid
- Testing is pushed to the left as far as possible.
- Higher chance of representing business expectations.
- Increase confidence of the business in the product being built.
- A culture of the co-ownership of code and tests is a by-product of these sorts of working practices.

“Working Software”

over

“Comprehensive Documentation”


WHAT ABOUT THE TEST EVIDENCE FOR THE LAST RELEASE?
I NEED TO SEE YOUR TEST PLAN.
DOT AV COMICS

Practices

- Publish a Test Approach document
- Tests as living documentation.
- Automate Test Reports
- Performance tests as part of the pipeline.

Benefits

- Time made available for higher value activities e.g. Exploratory Tests

- Test and Quality is visible to all and Trust is established

“Customer Collaboration”

over

“Contract Negotiation”

WE SHOULD REALLY STOP DOING **UAT**, WE DON'T NEED IT...
WHAT THE HELL IS HE TALKING ABOUT?!
IS THIS MAN MAD?????
DOT AV COMICS

Practices

- Tests should reflect expected customer behaviour.
- Chosen Test framework should be expressive (DSL Test Framework).
- Test report is fluent and readable
- Make Tests reports should be visible

Benefits

- User Acceptance Testing phase can be removed. (UAT)

- Business users' time is being used effectively, upfront and continuously.

“Responding to a Change”

over

“Following a Plan”

I DON'T KNOW. WHY ARE YOU ASKING THIS STRANGE QUESTION?
PLEASE PROVIDE ESTIMATE FOR HOW LONG IT WOULD TAKE TO TEST A SET OF CHANGES TO COME...

Practices

- Everyone regards tests as an integral part of the product.
- Definition of DONE should include all tests.
- Everyone needs to seek and exploit opportunities to tests at the level with minimal cost.
- Test effort should not be estimated separately from the development efforts.
- As much as possible tests should be automated

Benefits

- As tests are integrated into the deliverable, there isn’t any extra effort to test changes apart from the actual effort to make the change.

Lets go home …

- Quality Checks (Tests) are embedded in User Stories, Unit Tests and Acceptance Tests.
- Create opportunities for conversations that potential leads to removing the UAT Phase.
- A story not tested is not “DONE”.
- Write fluent tests and make test report visible.

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THANK YOU

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