

Agile Transformation Guide for Test Engineers

Test Engineer in Scrum Team – survival guide



How to add value to your team ?



Be prepared for meetings !



Who is doing what ?

Test Engineer in Scrum Team – survival guide

- » **Grooming** session – often overlooked but QA needs to be here (to ask questions and to test) !
- » **Planning** session – estimation, selection (tagging and subtasks on suitable user stories)
- » The **Sprint** – working together (testing and development in parallel), story bugs
- » Morning **standups** – come prepared !
- » **Retrospective** – use the whole sprint to collect input

Soft Skills for Test Engineers



Focused, organized
but flexible



Time management and
effort prioritization



Team player with positive
attitude

Soft Skills for Test Engineers

- » **Communication** - don't be afraid to ask questions ! Ask Dev for input !
- » **Time management and effort prioritization** – use automation wisely
- » **Focused, organized but flexible**
- » **Negative thinking** – not only happy paths, test for bugs !
- » **Reporting** – How much is enough ? What is important ?
- » **Team player**– Supporting Dev with automation and Management with reporting.

Submitting Bugs checklist



What to add ?



Good explanation
saves time



Who will look at the
explanation

Submitting Bugs checklist

- » **Confirmation** – 1st make sure it's a bug ! 2nd save screen shoot and logs
- » **How much information** – (idea for) fix is in details
- » **Importance of title and labels** – use keywords (think of searching)
- » **1 problem = 1 bug**
- » Use **Template** !
- » What to do when you cannot reproduce it ?
- » Revisit opened bugs

Building your Test Team in Agile World



What kind of
knowledge do you
need ?



Build self learning tutorial



Build your contact list first

Building your Test Team in Agile World

- » Start with contact list
- » Record the **workshops** and prepare documentation for newcomers
- » Prepare training materials in folders by days
- » Prepare suitable trainings (internal and external, online)
- » Check for **updates** regularly !

How to build a QA guild



Why do you need
QA guild



Importance of
regular meetings



Select team representatives

How to build a QA guild

- » Schedule **guild meetings**
- » Use Lean Coffee type of meetings
- » Use reporting wisely (1 page report)
- » Invest in supporting test automation libraries
- » Don't forget about **manual testers**

Be Smart – Protract Yourself



How to choose the right test automation tool ?



How to save time and effort ?

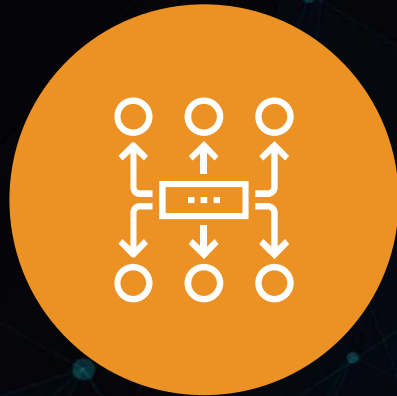


How to bring developers and testers closer together ?

Be Smart – Protract Yourself

- » Distribution of (dev/qa) work on a project
- » Benefits of common language
- » Choosing the right tool
- » Benefits of developers helping with test automation
- » Pareto Principle (how to find 20%, who knows your customers?)

Challenges of testing today



Solution for complex platform environment



Saving time and effort in testing and development



To be used by everyone

Challenges of testing today

- » Interconnected platform environment
- » Remove dependencies
- » Simulator functions (magic number, queue, transparency)
- » Simulator modes: Recording, Playback



RAMdom Thoughts



THANK YOU !

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