

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 ?

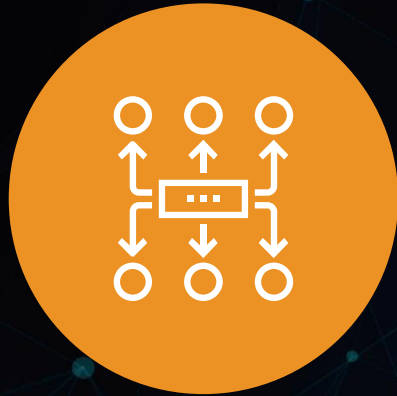


How to bring developers and testers closer together ?

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

Aleksandar Ristic

Testing Consultant

Comtrade Digital Services: <http://comtradedigital.com/>

mail: aleksandar.ristic@comtrade.com

linkedin: <https://www.linkedin.com/in/aleksandarr/>

E-book: <http://content.comtradedigital.com/hitchhikers-guide-agile-testing>