

How we do Scrum development at ReQtest

ReQtest is a cloud-based service that helps you manage requirements, visualize the progress, manage testing and bug reports



Ulf Eriksson

- Founder of ReQtest
- System owner at ReQtest
- Specialized in testing, requirements management and agile development
- Written two books about testing and requirements management

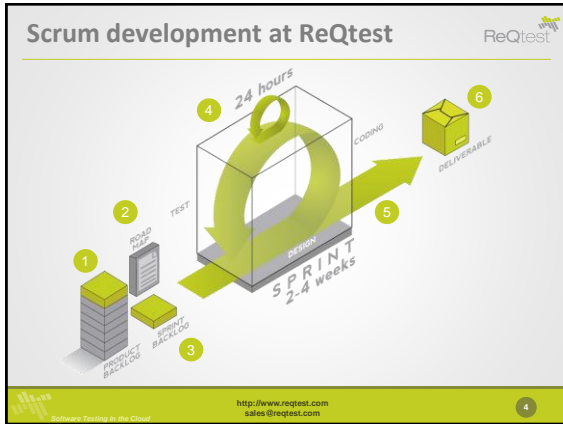



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ReQtest: Company

- Founded in **2001**
- Offices in **Stockholm, Malmö, London** and **Malta**
- Used by **10,000** users spread over **250** customer ranging from **small and medium sized companies** to **large enterprises** with presence in many countries
- 19 employees
- Customer Examples: Toyota, Volvo, IBM

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- ### The Scrum-flow
-
1. **Product backlog**
 - List of requirements
 - Based on the Roadmap
 2. **Sprint planning**
 - Product owner defines sprint goals based on roadmap
 - Product owner chooses requirements from the backlog to fulfil the goal
 - The team estimates
 - The team divides into development tasks
 3. **Sprint backlog**
 - List of development tasks
 - Is owned by the team
 4. **Daily Scrum**
 - Same time and place every day
 - What is done, what to do, obstacles
 - Update burndown
 - Update sprint backlog
 5. **Sprint evaluation**
 - The team demos
 - Retrospective
 6. **Deliverance of increment**
 - Version of the system, possible to take into production
- ReQtest logo
- Software Testing in the Cloud
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Two development teams

- Two products: ReQtest and the website
- One system owner and one product owner
- Ten developers in two distributed teams:
 - Two Scrum masters (developers)
 - Five developers in Stockholm
 - Four developers in Malmö
 - One developer in London
- Two testers
- Other stakeholders in the company:
 - Sales, marketing, management

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Requirements as user stories, WWW ReQtest

Template	Describes	Example
As a [type of user]	Who	As a test leader
I want to [do something]	What	I want to see the status of the requirements
So that [reason]	Why	So that I can plan the tests

Often missing in traditional requirements

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Sprint planning ReQtest

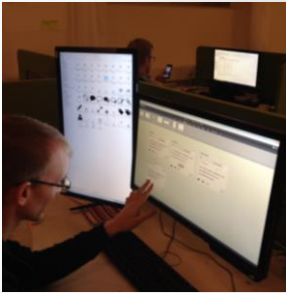
- Input: list of user stories
- We estimate using
 - Planning poker
 - T-shirt sizing
 - Number of stickies



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Mockups – UI sketches ReQtest


- Demonstrates potential solution
- Communication and feedback before development starts
- Serves as basis for UX testing



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Daily scrum at 9.30 a.m.

- What did I do yesterday?
- What will I do today?
- What obstacles are impeding my progress?



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Sprint demo

- Ends each sprint
- The team demonstrates developed functionality
- The product owner accepts ("acceptance testing")

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Retrospective – evaluating the sprint



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Retrospective



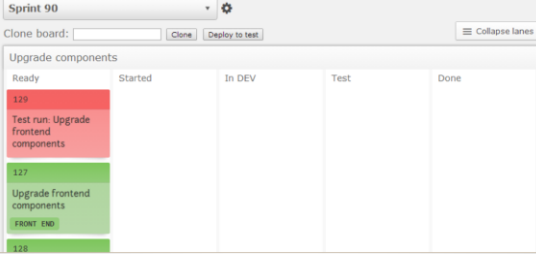
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Visualize 1 (of 2)



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Visualize 2 (of 2)

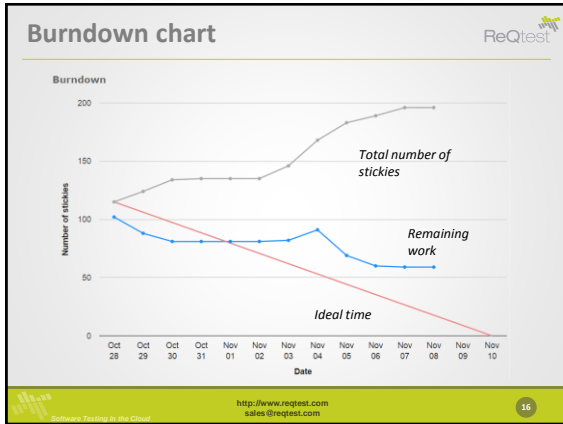
- The Scrum board shows how the work progresses
 - Columns for sprint redo tasks, started and done tasks
 - Sprint backlog = requirements prioritized by the product owner and estimated by the team
 - One lane per requirement and its development tasks

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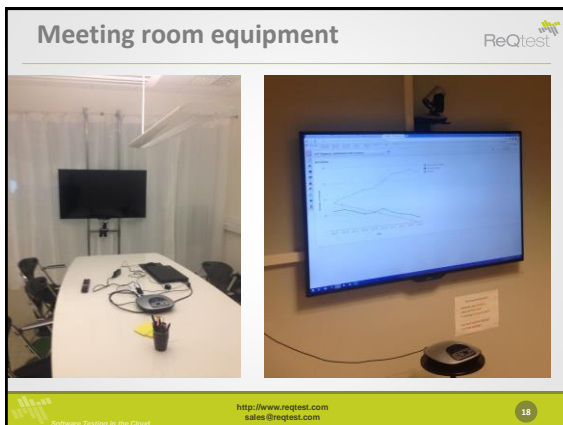
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- ### Tools that will help you
- ReQtest
 - Manage requirements, visualize the progress, manage testing and bug reports
 - Daily builds, automation
 - Slack
 - Communication within the team
 - Balsamiq Mockups
 - User interface sketches
 - Skype
 - Daily standups, demo and other meetings
 - Screen Hero
 - Screen sharing, pair programming across offices
- ReQtest logo and contact information: <http://www.reqtest.com>, sales@reqtest.com. Slide number 17.





Our experience of using Scrum in a distributed cloud project ReQtest 


- Scaling from a few developers to two teams with 14 persons went smoothly
- When the teams grow you need the right tools
- In order to work distributed you need the right technical setup

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