Agile Planning with RTC

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Introduction

- My name is Thomas Byrdal
- I have been with IBM for > 6 years
- I am a project manager for the in GBS part of IBM
- I work as an Agile Coach helping teams use Scrum & RTC
- I have worked with agile development for more than 5 years, and I am certified scrum master

Agenda

Agile planning with RTC.

- Introduction to my project
- Short introduction to the development method used (scrum)
- How we use RTC to plan and manage our project

The global team

Our team consists of

- Developers from Denmark
- Developers from Lithuania
- Developers/testers from India
- Developers from Belarus
- IT architect from Lithuania
- IT architects from Denmark

Copenhagen   Vilnius   Minsk

Bangalore
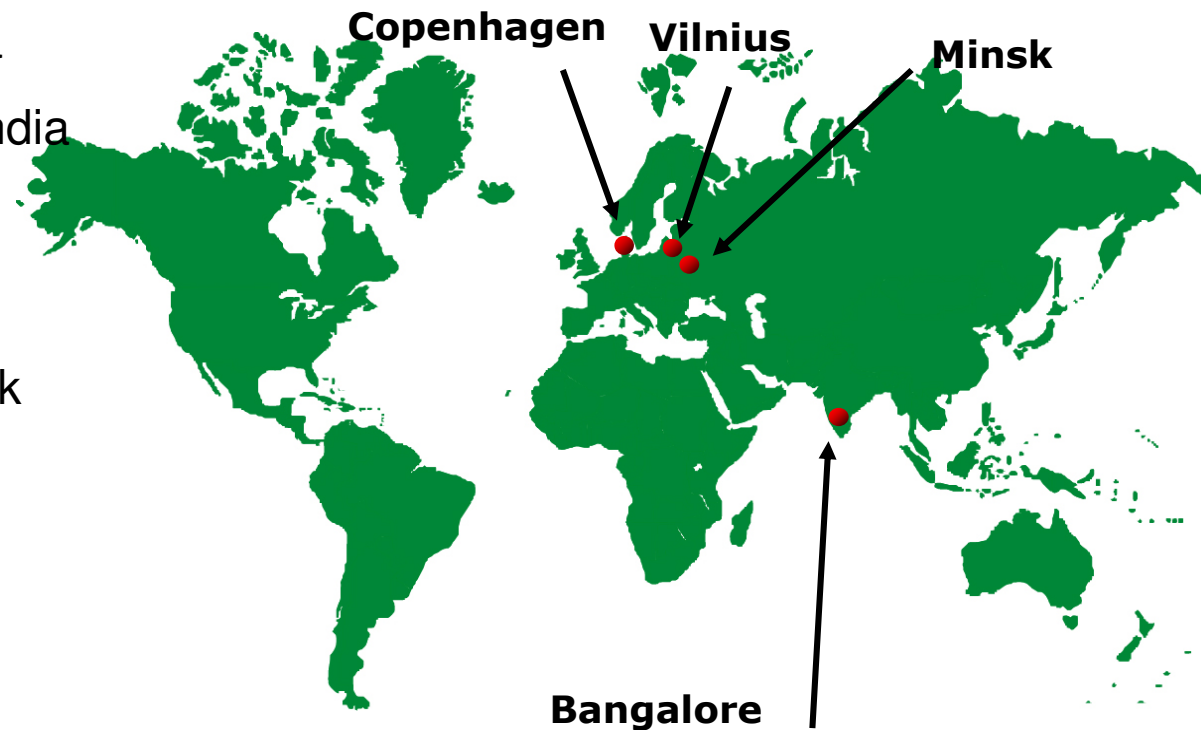
Organization of the project

- **We use a release based approach**
  - A single business project is split into a few releases
  - Each release have a duration of about 2-4 months

- **Each release consists of concept, development, and User Acceptance Test**
  - There is an overlap of each release to maximize utilization of resources.

- **Each release contains 5-6 sprints depending on content.**
  - Release content and priority is documented in the Release backlog.

- **If possible, each sprint is completed with a delivery.**
  - Either on development system or on test system
  - Enables customer to check functionality before production

- **We have 4 development teams**
  - Most teams are mixed – both onshore and offshore resources
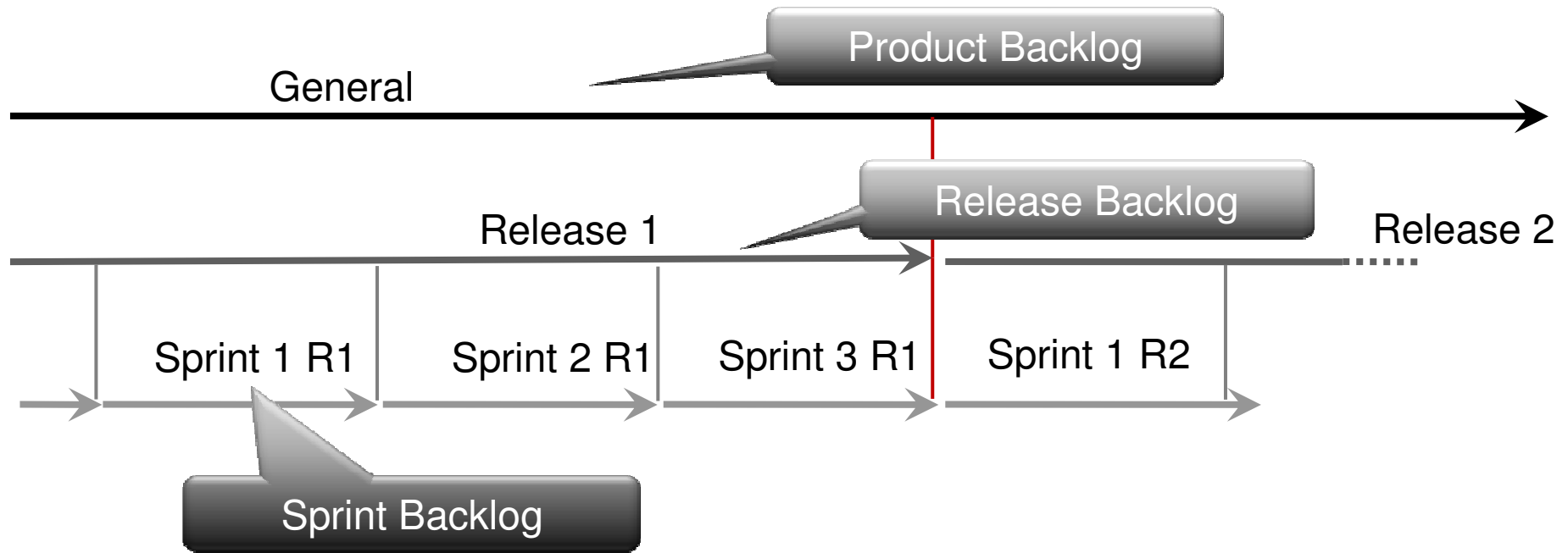 - All teams use the same Release backlog, but have their own sprint backlog.

Release model

A graphical representation of our release model
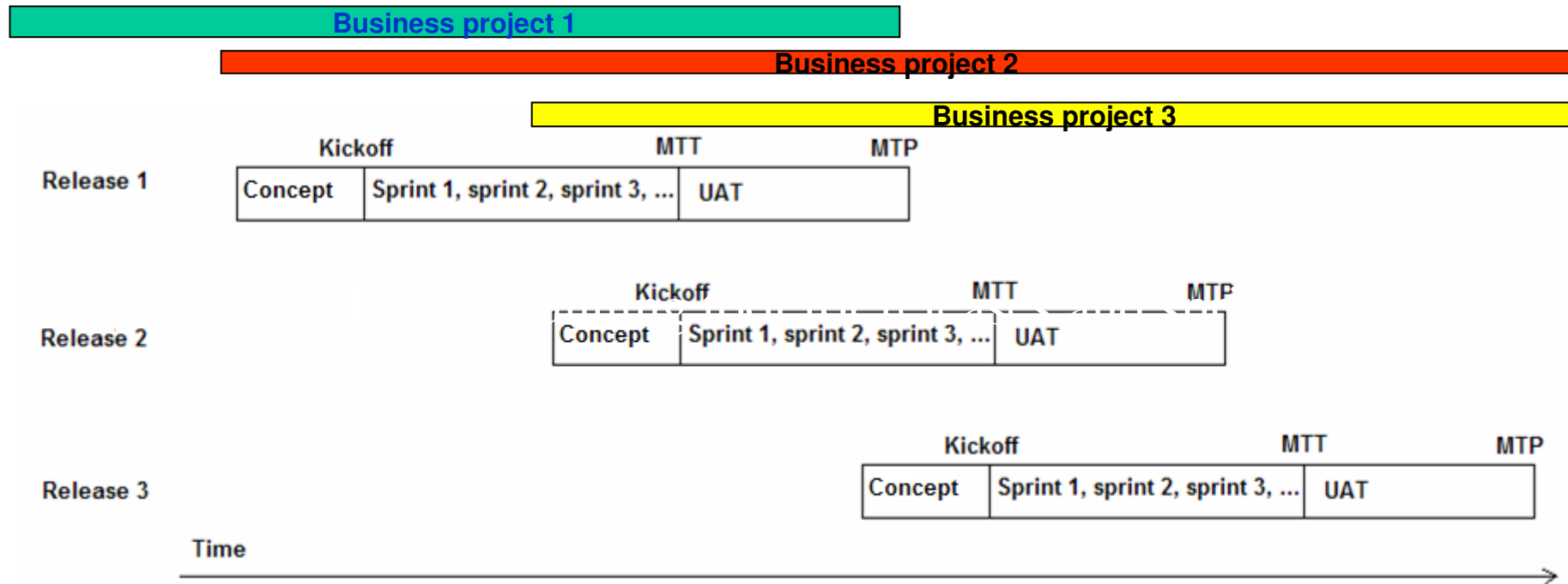
MTT: Move to Test
MTP: Move to Production
UAT: User acceptance test

Timeline & iterations

General

Product Backlog

Release 1

Release Backlog

Release 2

| Sprint 1 R1 | Sprint 2 R1 | Sprint 3 R1 | Sprint 1 R2 |

Sprint Backlog

Scrum

Scrum overview

Differences from industry defined scrum:

Added a release backlog

Product Backlog → Release Backlog → Sprint Backlog → Sprint (24 h / 2 weeks) → Potentially shippable product increment
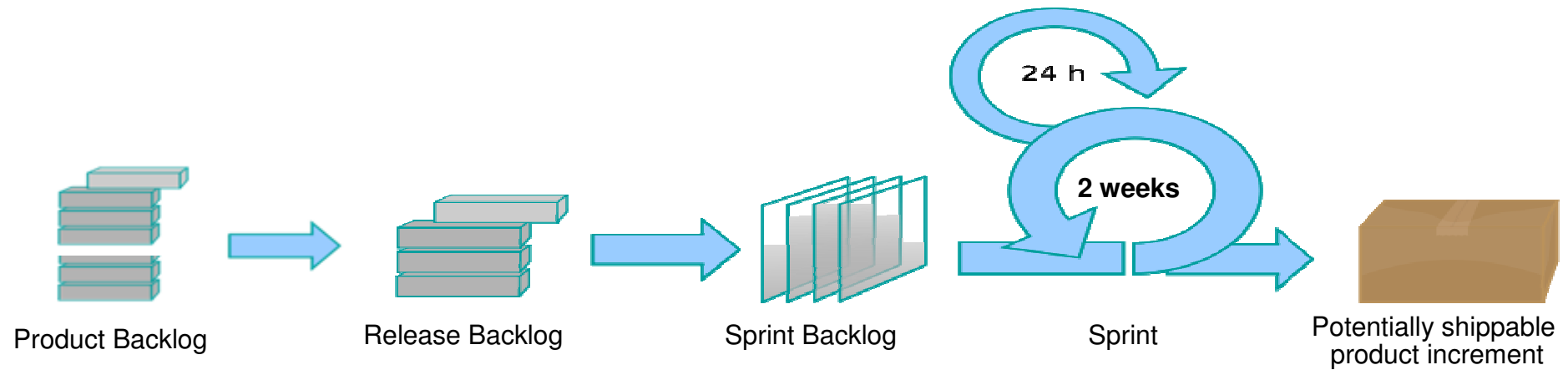
Roles

Product Owner	Product Owner: Set priorities
Scrum Master	ScrumMaster: Manage process, remove blocks
Scrum Team	Team: Develop product
Stakeholders	Stakeholders: observe & advise

Key ceremonies

|		
Sprint Planning Meeting	**Daily Scrum**	**Sprint Demo & Review Meeting**

RTC

So - how does RTC handle these project requirements ?

- Multible teams (globally located)
- Support of different roles on the project
- Iterations, Product- release- and sprintbacklogs
- Sprintplanning meetings
- Workitems (Epics, User stories, Tasks, defects...)
- Daily scrum meetings
- Progress tracking/reporting

RTC

Multible teams (globally located)
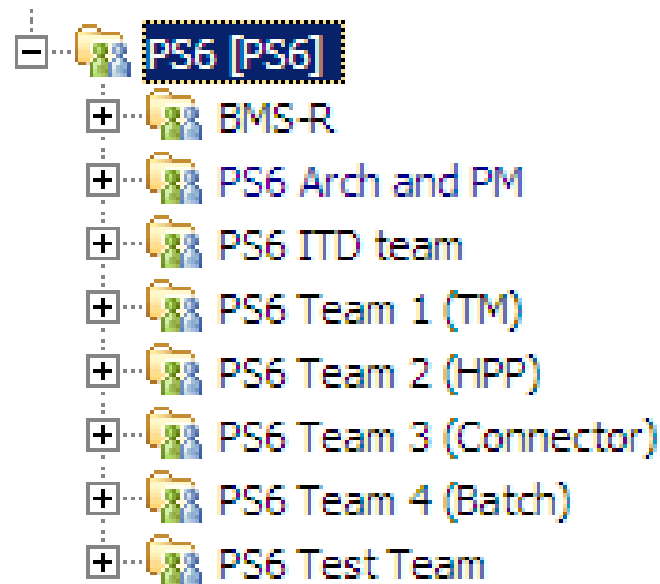
RTC

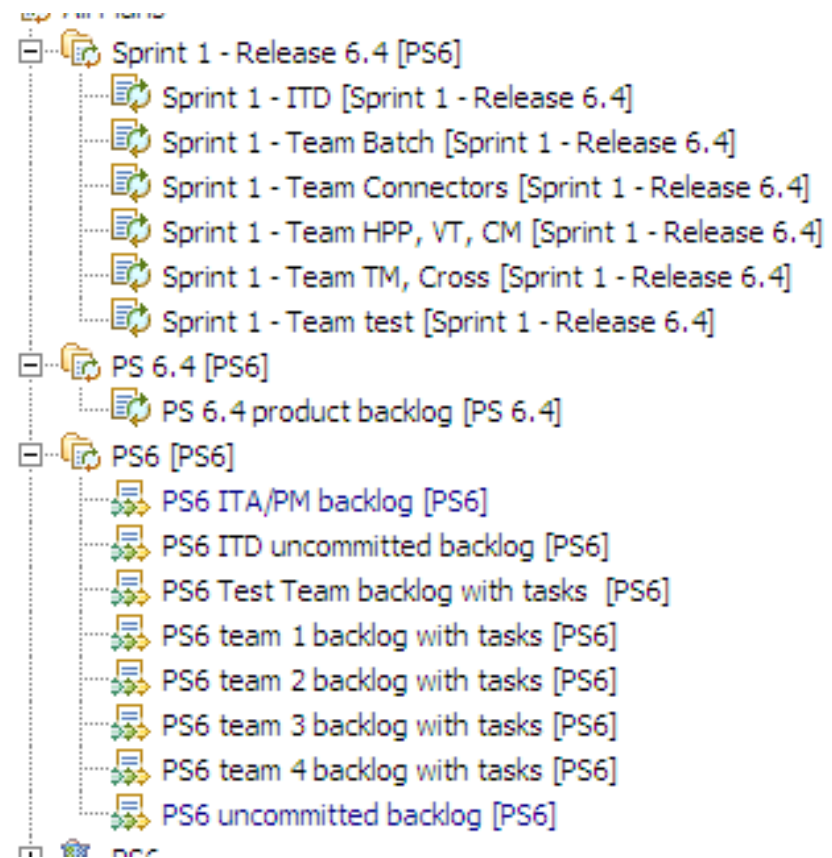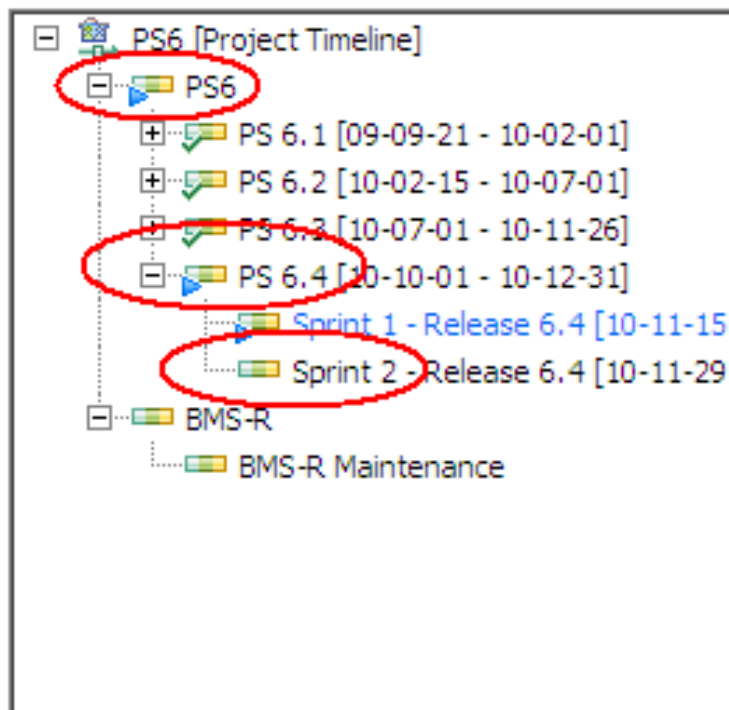Support of different roles on the project

▼ **Members**

Roles determine a user's permissions as well as any preconditions and follow-up actions that are run for team operations. The roles assignments below are also valid in all child team areas. Unless configured otherwise, all users in the repository play the 'default' role.

Name	Process Roles	
⊖ Antanas Kaziliunas	Team Member	**Add...**
⊖ Darius Zabiela	Team Member	**Create...**
⊖ Gediminas Rudaitis	Team Member	
⊖ Gintaras Barisevicius	Team Member	Remove
⊖ Jan Paulli	Team Member, Product Owner	Process Roles...
⊖ Mik Fuhrmann	Team Member	
⊖ Pavel Blazevic	Team Member	

RTC

Product, release and sprint backlogs

RTC

Sprintplanning Planning

RTC

Workitems (Epics, User stories, Tasks, defects...)

▸ 🔄 HPP - make a more realistic demoshop for PS6 [AD010876]			🖥 10 Low	0/0 pts	339645
▾ ⭐ Implementation			🖥 10 Low	27/27 h	362364
📋 Create user registration pages	⏱ 10 hours	⏱ 10 hours	🖥 10 Low	--	362382
📋 Finish SQL commands implementation	⏱ 5 hours	⏱ 3 hours	☐ Unassigned	--	372214
📋 Create administration pages	⏱ 8 hours	⏱ 8 hours	☐ Unassigned	--	363085

RTC

Daily scrum meetings
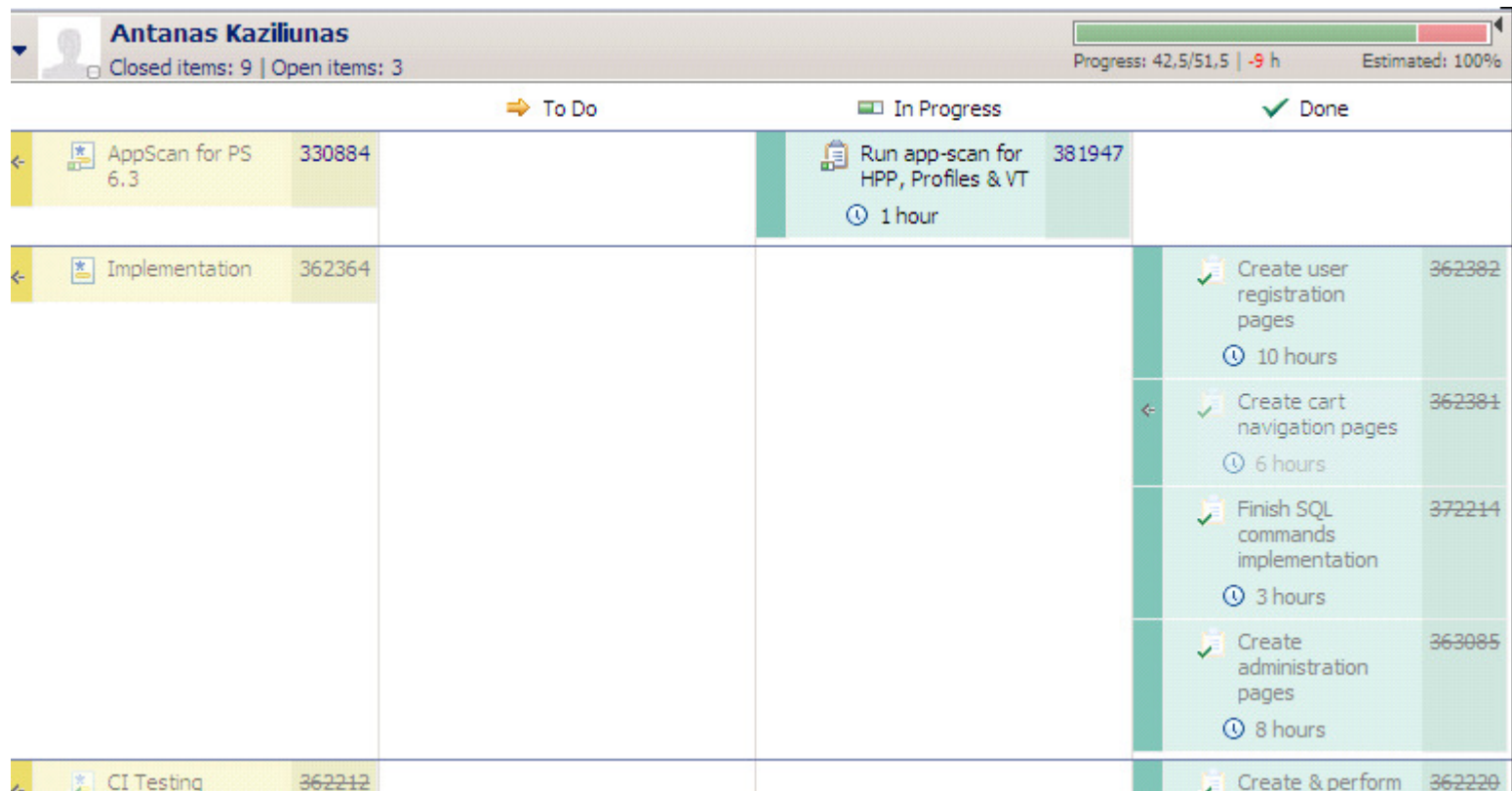
RTC

Progress tracking

Burndown sprint 10, 6.3, Team HPP
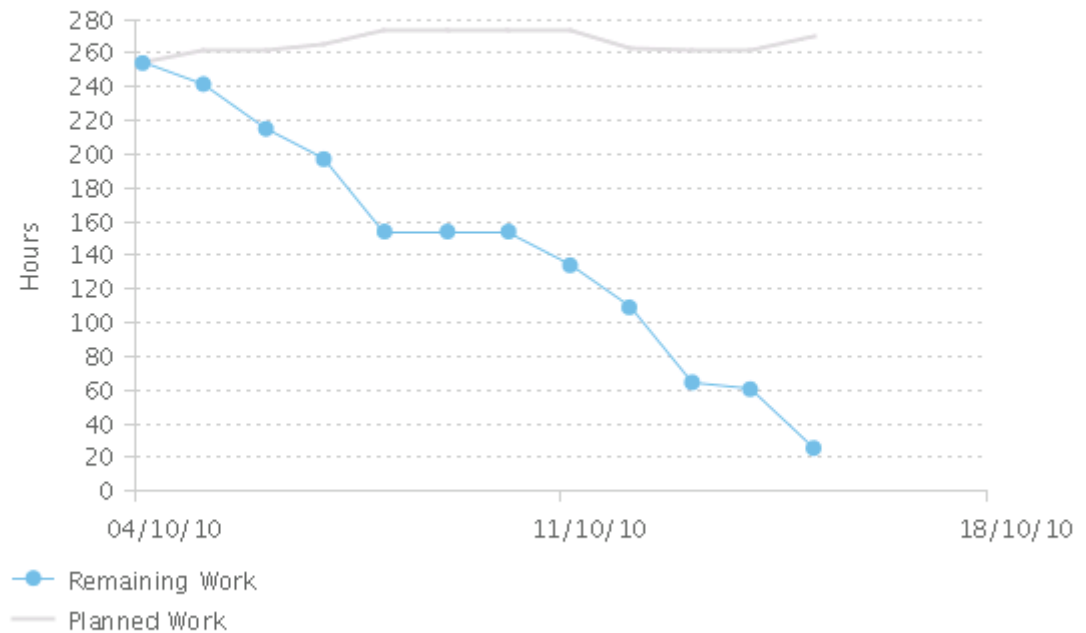
Q/A

Questions ?

You are welcome to contact me:

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