

Agile Project Management with JIIRA & Confluence

Tom Peeters

Luc Peeters

International Project - Oulu



What is Agile Project Management?

Roles

- Product Owner
- Development Team
- Scrum Master

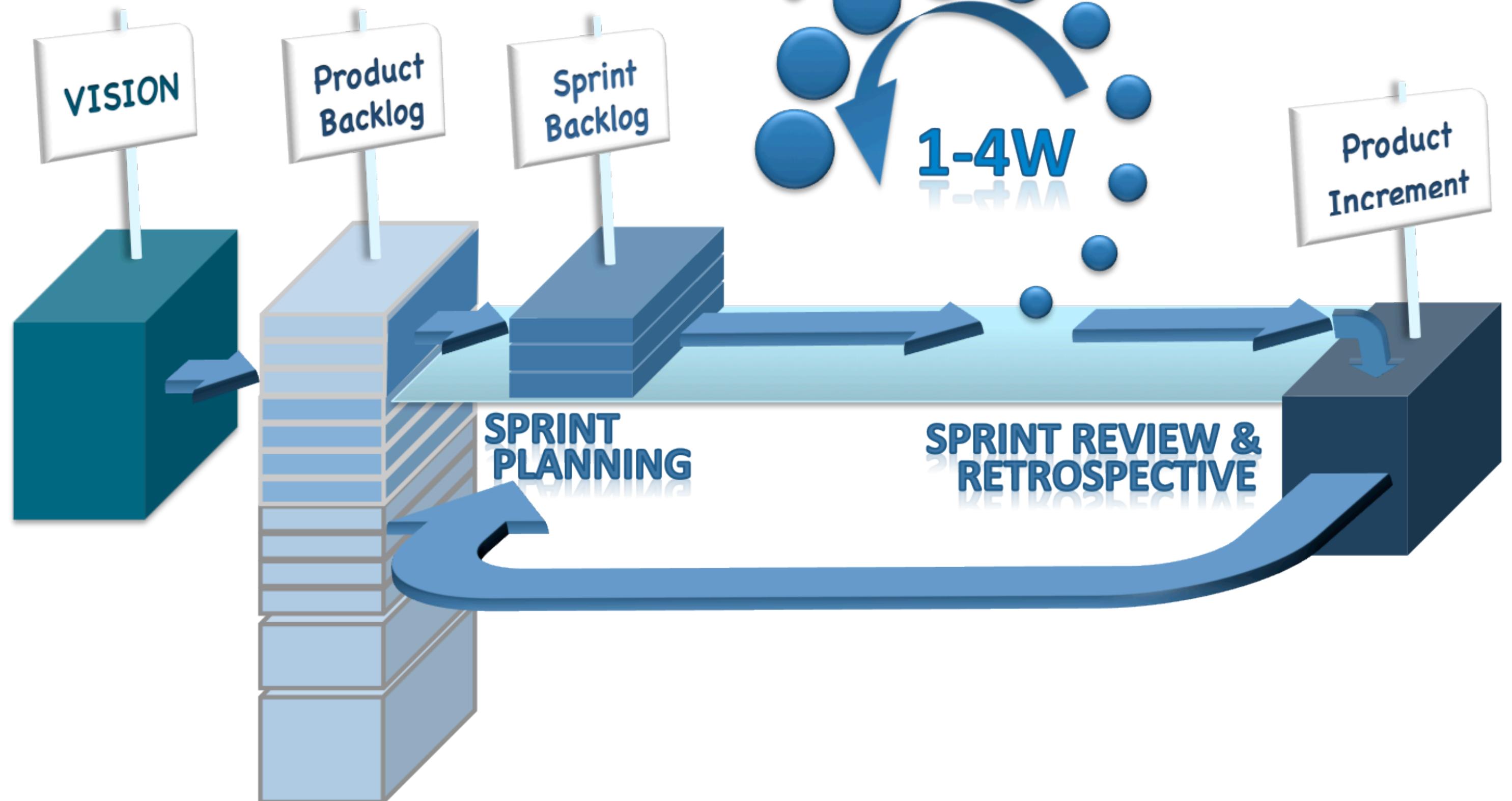
Artifacts

- Product Backlog
- Sprint Backlog
- Increment

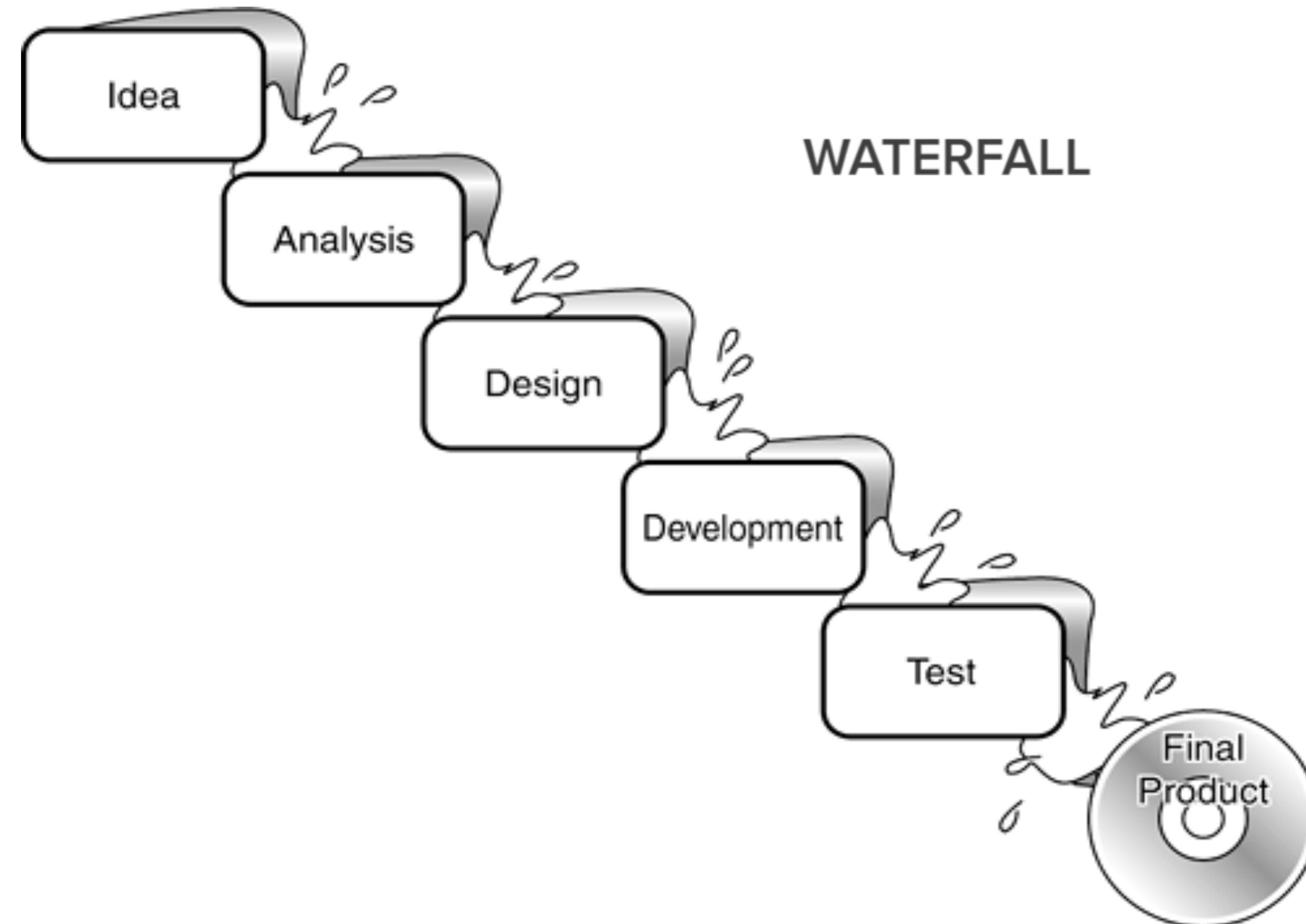
Events

- Sprint
- Sprint Planning
- Daily Scrum
- Sprint Review
- Retrospective

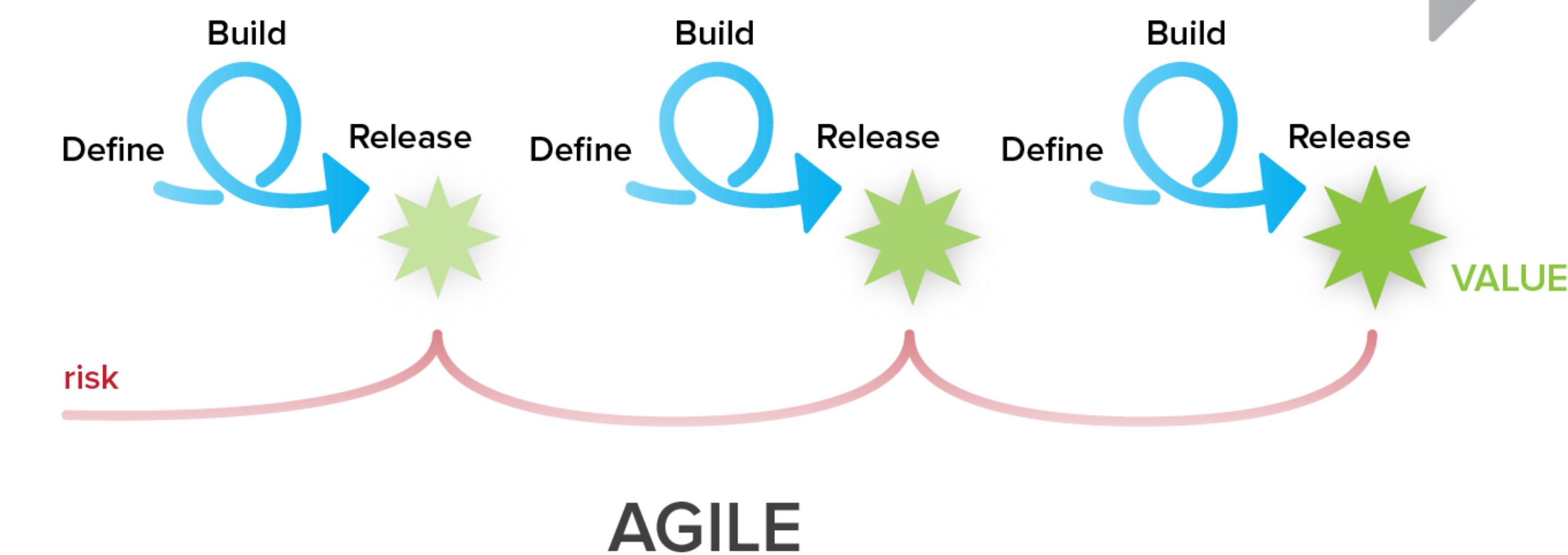
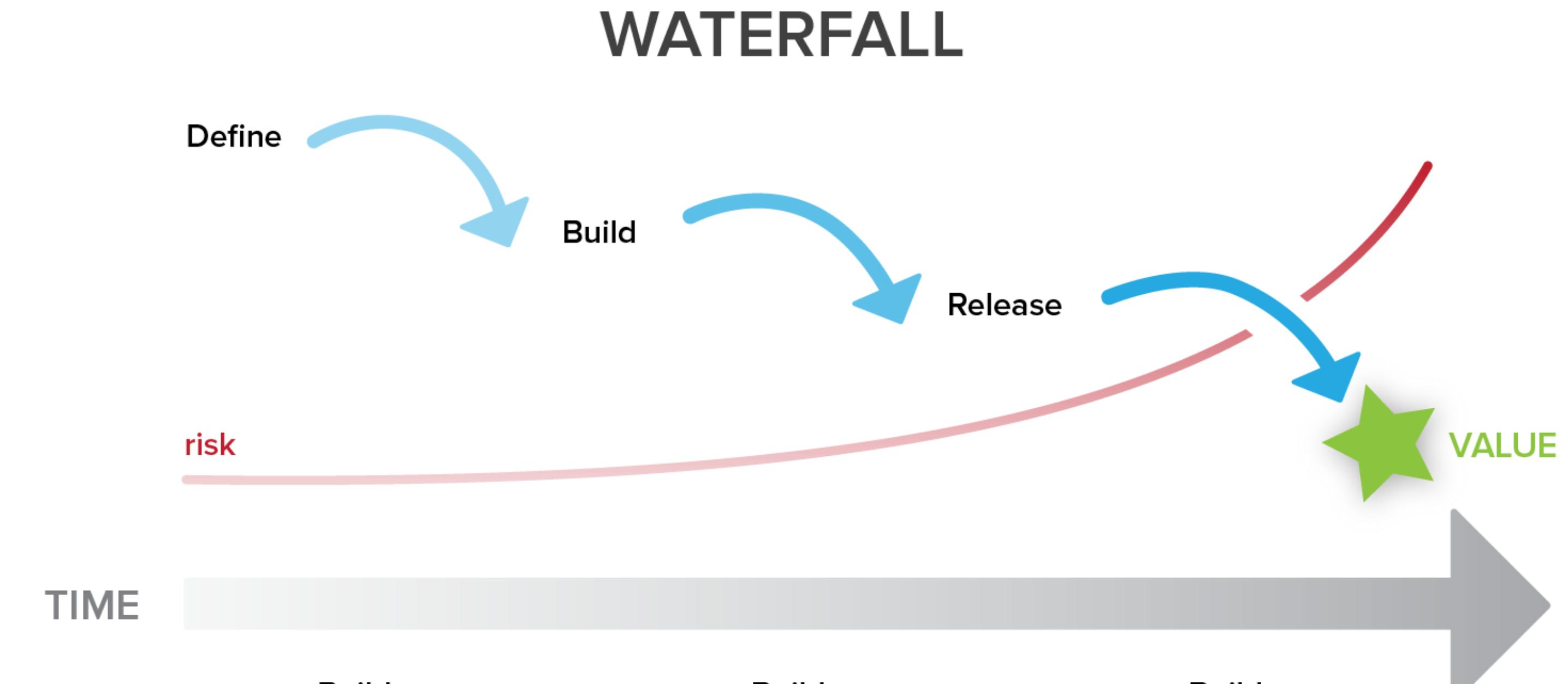
A Scrum Sprint



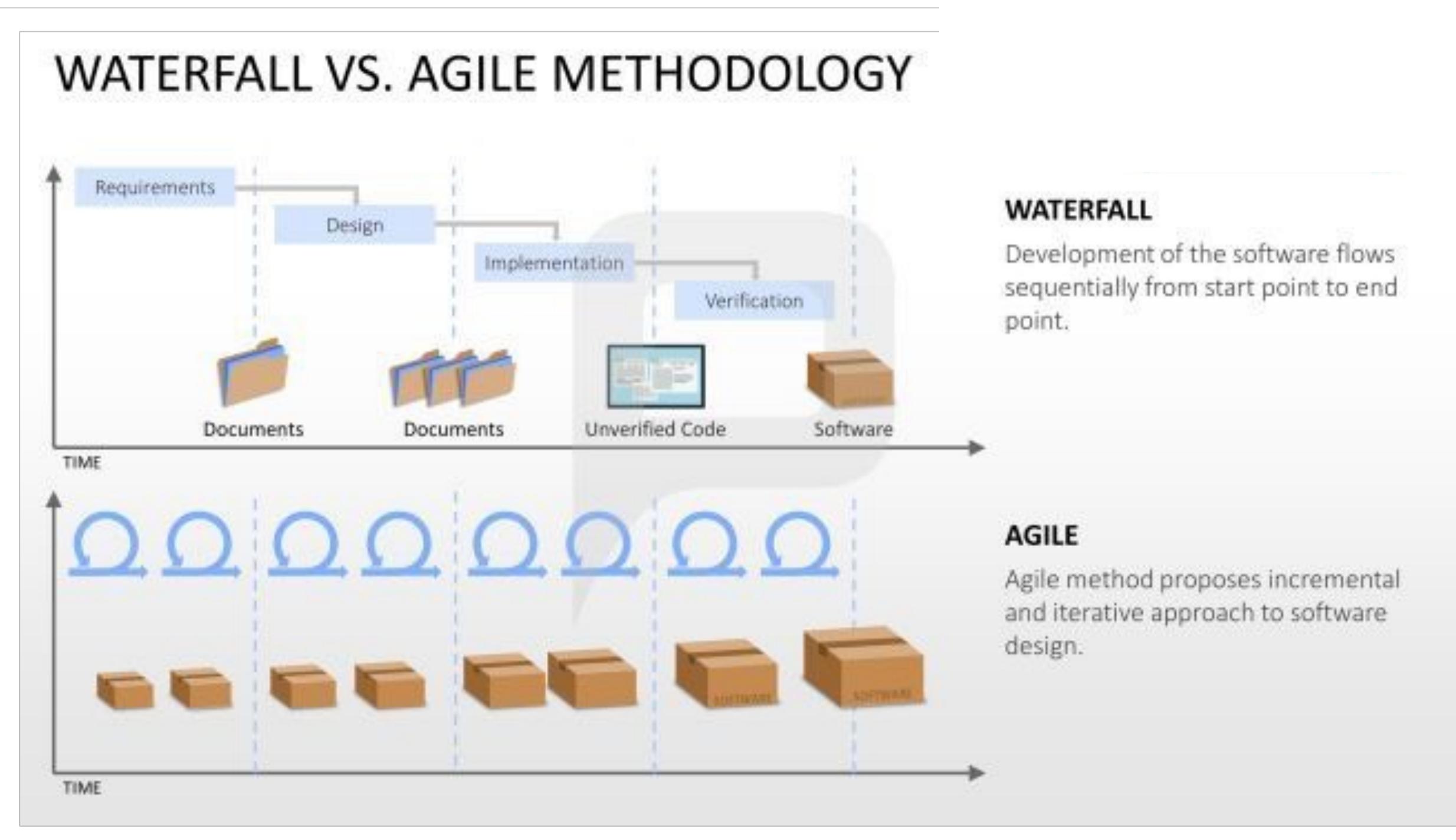
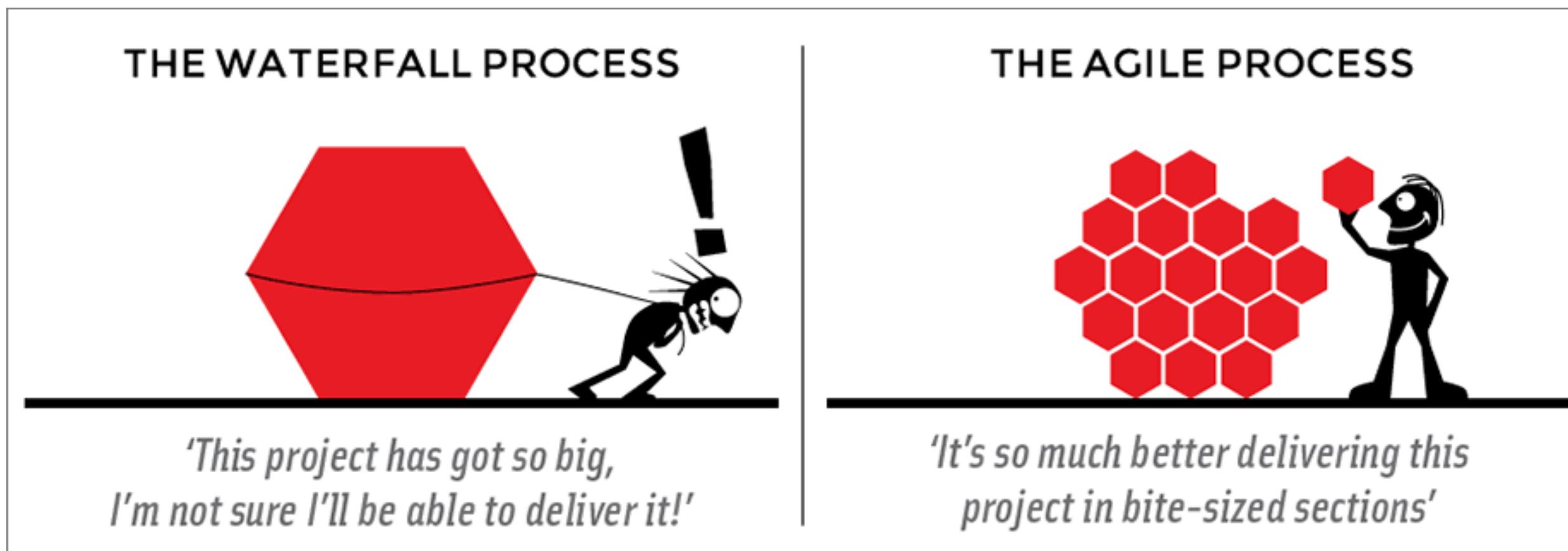
I. Agile: Alternative for the classic ‘Waterfall’ model



I.Agile: A lot of small iterates > reduces the risk



I. Agile: incremental & iterative





BE FLEXIBLE

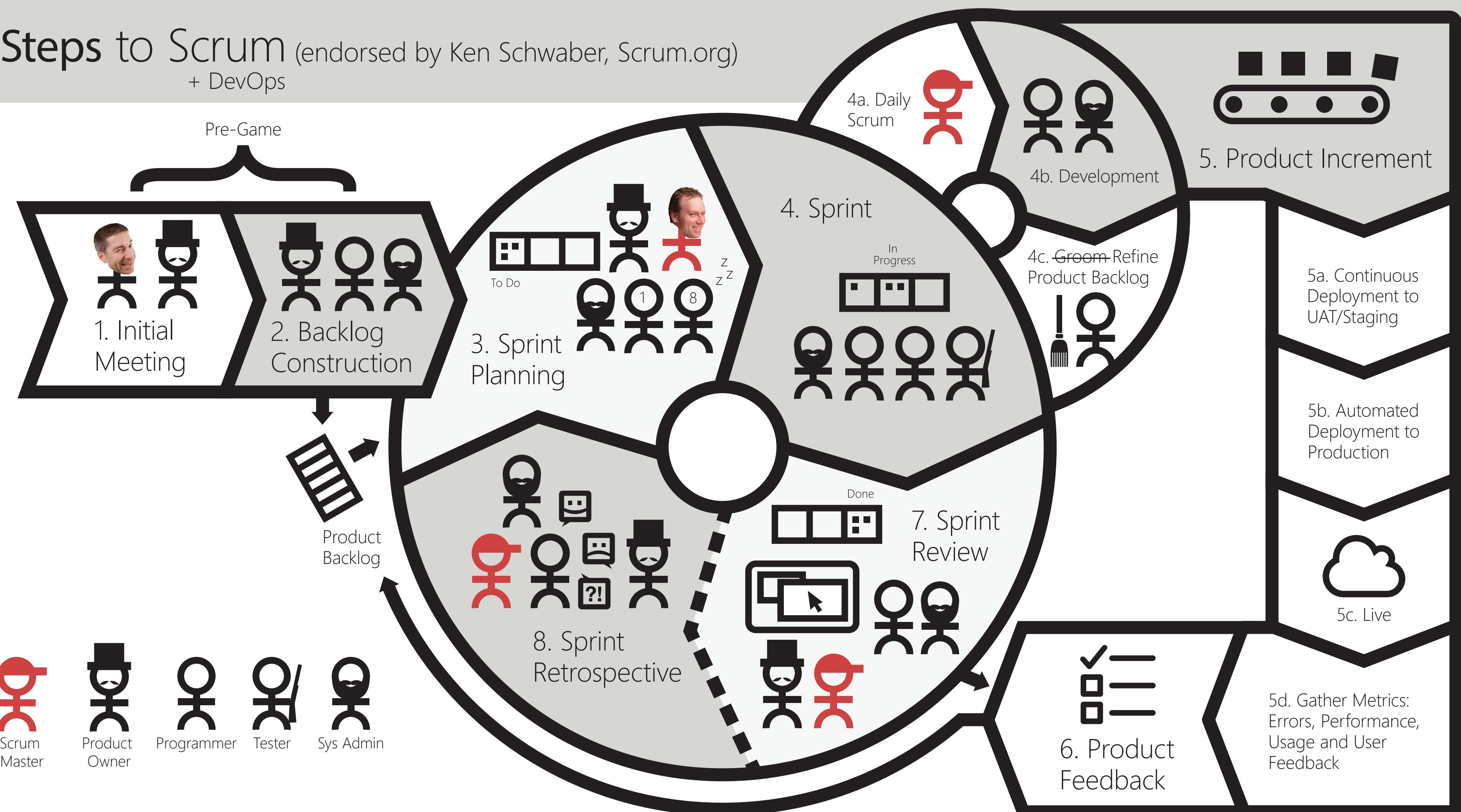
AGILE TEAMS AND CUSTOMERS
**WORK
TOGETHER**

IN AGILE
**PEOPLE
MATTER**

**DON'T WASTE
TIME
DOCUMENTING**

8 Steps to Scrum (endorsed by Ken Schwaber, Scrum.org)

+ DevOps



1 The Product Owner explains the product vision and scope, and the number of days needed for the "Backlog Construction" is proposed.

2 A "Backlog Construction" is performed listing the features, technologies and an estimated number of Sprints. A cost per Sprint gives the customer a ballpark.

3 Features are ordered by the Product Owner. The Development Team estimates and forecasts which features will be delivered in the Sprint.

4 The Development Team works away ordered by priority, having Daily Scrums and completing the PBIs to the Definition of Done. Tip 1: Use an electronic Task Board. Tip 2: Send "done" emails.

5 Each Sprint is a potentially shippable increment of software. A focus on DevOps reduces risk and increases agility.

6 Bugs & small changes are added to the current Sprint. Other requests are added to the Product Backlog if approved by the Product Owner.

7 The Development Team demos all the features they've completed. Feedback is gathered. This is the real measure of the success of the Sprint.

8 This is the best part: inspecting and adapting. Upon finishing the Sprint, the Scrum Team discusses what went well, what didn't and what to improve.

Deliverable: Agile Project Plan in JIRA/Confluence

PM Planning Tool: JIRA + Confluence Wiki:

1. Release Planning: Confluence Wiki

- Project Vision
- Team + High-level planning
- Scope

2. Detailed Planning: JIRA

- Backlog of stories
- Sprint Board

The screenshot shows a JIRA issue page for an issue titled "Week 1 - Your Goal Here! #1681". The status is "Open" and it was created by "azenMatt" 3 days ago with 0 comments. The sidebar on the right lists project settings like Pipeline, Labels (with "Sprint Goal" selected), Milestone, Assignee (zenMMatt), Notifications (with an "Unsubscribe" button), and other options like Lock Issue and Export Issue.

azenMatt commented 3 days ago

Sprint Goal - Increase your chances of getting to where you want to be - by defining where you want to be!

A good Sprint Goal should be *specific* and *measurable*, helping to align the team to a common purpose, for example:

- 'Implement iOS prototype screens to test user interactions'
- 'Allow creation of multiple pipelines on the ZenHub board'

Sprint Deliverables - What concrete deliverables do you have for the sprint? Using GitHub markup, we can easily list and track their completion

- #50 - iOS screen prototypes
- #51 - Collate user feedback on screen prototypes
- #60 - Ship new pipeline creation feature

Sprint Metrics and Targets - How long will the sprint run for and what are our criteria for success? Including this information here makes it really easy to look back on for future reference.

The Sprint will run for one week and will be considered a success based upon:

- Information gained from User Feedback that will help us define the next iteration of the product
- Ability to add multiple pipelines to a ZenHub board in production with no downtime or negative impact to ZenHub users

azenMatt added the Sprint Goal label 3 days ago

Detailed briefing for the Agile Project Plan in JIRA/Confluence

I. Release plan in Confluence Wiki

- Cfr template: A product manager's guide to release planning (Confluence)
 1. Background:
 1. Problem/solution (Why?)
 2. Proposal/scope (What?)
 3. Resources (Efforts?)
 2. Planning Page
 1. High level planning (What will we do when?)
 2. (Team)
 3. Requirements
 1. Overview of Epics/stories (links to GitHub Issues!) - annotations:



TIS Development

Pages / ... / Android App v1 Planning Page



3 JIRA links

Edit

Watch

Share

...

Background for Android app

Created by John Wetenhall, last modified 46 minutes ago

What's the problem / opportunity?

78% of mobile phone shipments are Android based. Customers expect a first class, native experience on mobile. Over 30% of our traffic is already on mobile web, and traffic continues to grow every month. While customers generally like our mobile web interface, there are a few critical areas in which it falls short as well as opportunities to provide an even better experience with a native Android application.

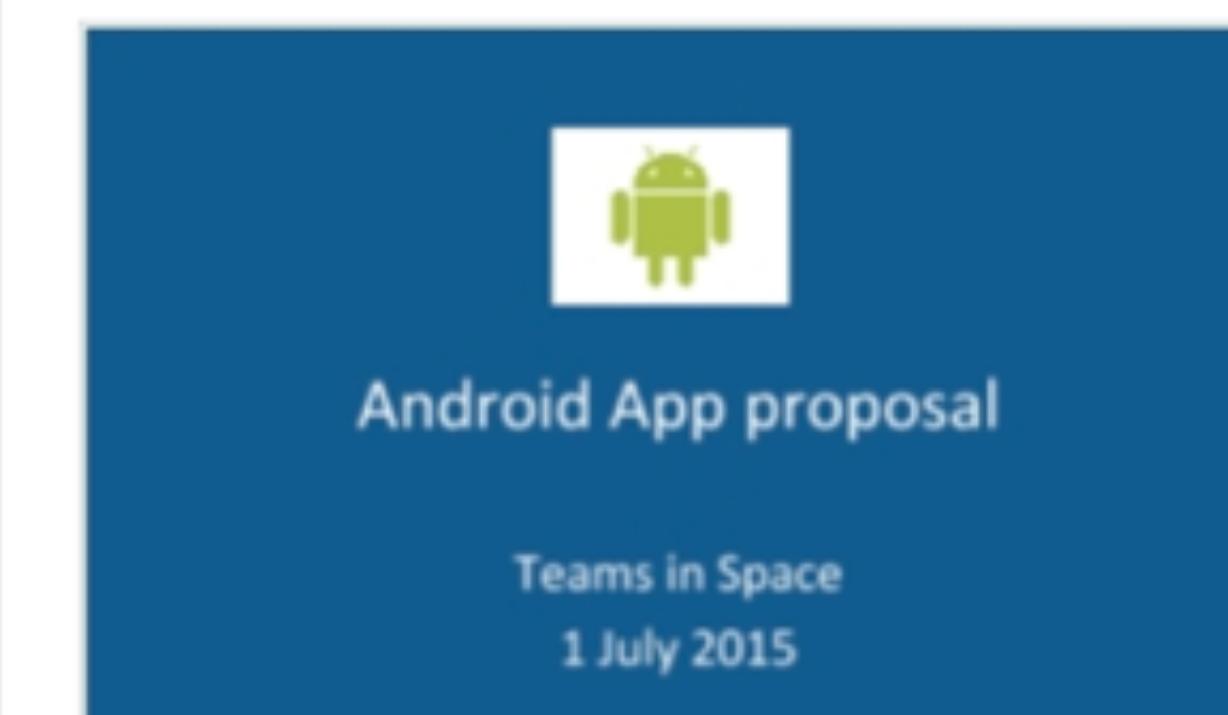
Proposal

Our focus should be on shipping an Android app that has feature parity with our current mobile web version along with improvements in the following areas:

- Performance
- Navigation efficiency
- Push notifications

To do this, we'll slow down development on the mobile web and focus development on Android. We'll also need to recruit more developers with specific Android experience.

See the following presentation I gave at the Product Council bi-weekly meeting 01 Jul 2015:



The slide features a large green Android robot icon in the center. Below the icon, the text "Android App proposal" is displayed in white. At the bottom of the slide, the text "Teams in Space" and "1 July 2015" are visible.

Resources

Customer Feedback & Interviews

Here are some relevant write ups of customer feedback:

- Customer Interview - Steve Kerr - Golden Co
 - See "mobile" section
- Customer Interview - David Lee
- Background for Android app
- Background for Android app

Feature requests

- TIS-117 - Can't create events in mobile web version OPEN
- TIS-119 - Mobile interface slow to low OPEN
- TIS-118 - Native Android app OPEN

Other relevant inspiration and information

- Background for Android app
- Android Spike - September 2014

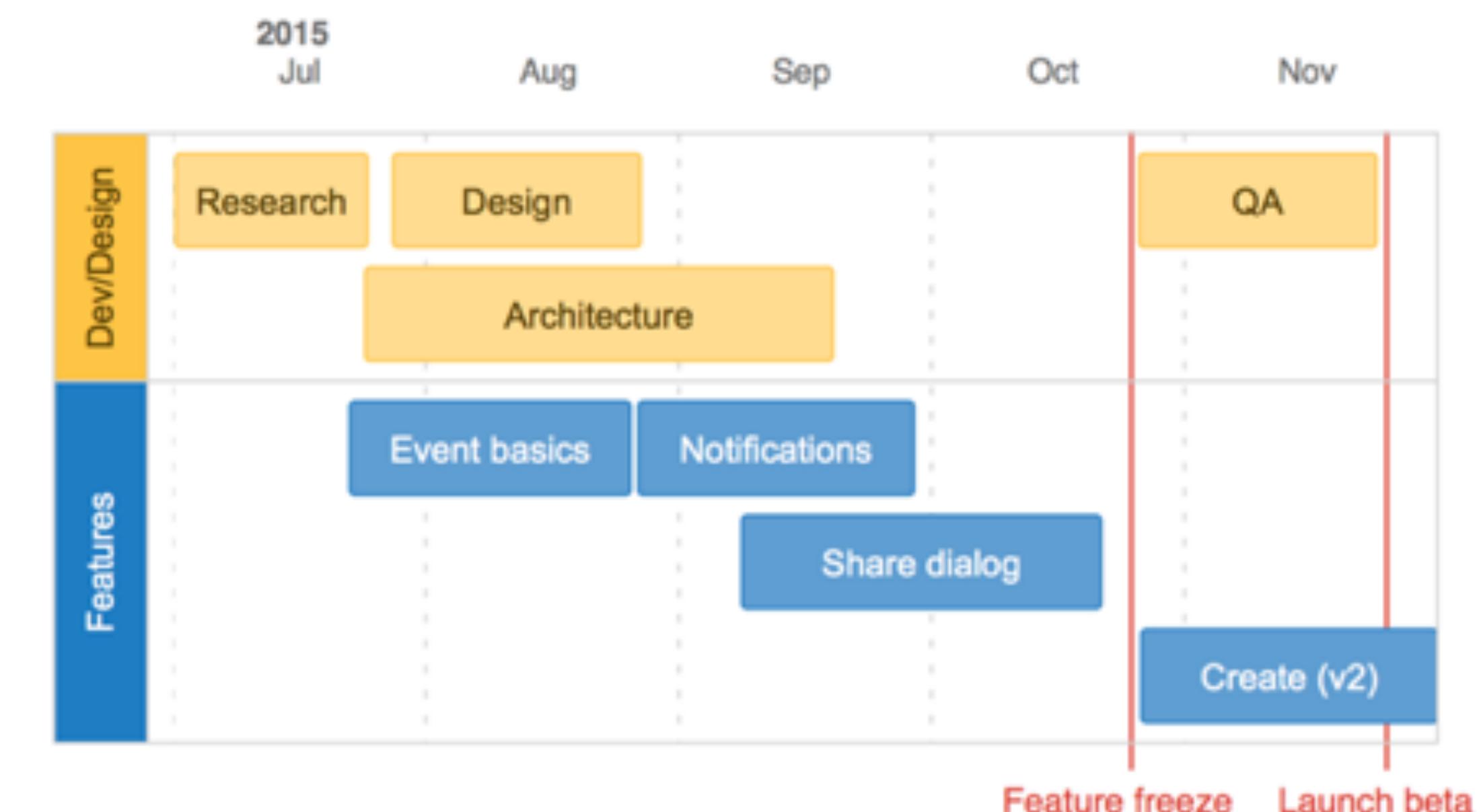
Android App v1 Planning Page

Created by John Wetenhall, last modified 12 minutes ago

Target release	BETA <input type="checkbox"/> 20 Oct 2015
Epic	TIS-120 - Build a native android app v1 OPEN
Document status	DRAFT
Document owner	Sheriff M
Designer	Royce W
Developers	Chris K
QA	Denise U
Product Marketing	John W

Related pages

- [Android App v1 Requirements](#)
- [Background for Android app](#)



Goals

- Increase monthly active users (MAU) in Android by 10% over mobile web baseline
- Increase average time spent in app thru better core experience

Android App v1 Requirements

Created by John Wetenhall, last modified 5 minutes ago

Target release	BETA
Epic	TIS-120 - Build a native android app v1 OPEN
Document status	DRAFT
Document owner	@Sherif Mansour
Designer	@Valter Fatia
Developers	@Chris Kiehl
QA	@Denise Unterwurzacher

Goals

- Users should be able to accomplish the previously established "core" functions within the app:
 - Push notifications for new events, updates to existing events
 - Upload photos to upcoming and past events
 - Browse and share friends' events via SMS, Facebook, Twitter, G+

Background and strategic fit

See [Background for Android app](#)

Assumptions

Requirements

	Title	User Story	Importance	Notes
1	Push notifications for new events TIS-129 - Push notifications for new events OPEN	User gets notified of new events via push notifications	Must have	<ul style="list-style-type: none"> • See also: Notifications spike
2	Push notifications for event updates TIS-130 - Push notifications for event updates OPEN	User is notified of updates to existing events they have added	Must have	<p>Updates that should create notifications:</p> <ul style="list-style-type: none"> • Venue, date, or time change • One of user's friends is now attending • Price change
3	Browse friends' events	User can browse events friends are attending or interested in so they can also attend	Must have	

▼ ^ 1 of 1

[John Wetenhall](#)

We should give the user control over which of these notifications they receive - don't want to overload them.

Resolve • Like • 3 minutes ago

[Blake Riosa](#)

2. Detailed planning in JIRA

- Cfr pdf's:
 - ‘How to do Scrum with JIRA Software’
 - ‘Learn advanced Scrum practices with JIRA Software’
1. Epics
 2. Stories in the epics
 3. Detailed requirements of the stories
 4. Estimation (story points)
 5. Create sprints = milestones
 6. Initial assignment to sprint = milestone
 7. Sprint = development time!
 8. Sprint Retrospective (What went well/wrong?)

Backlog (JIRA Agile)

JIRA Dashboards Projects Issues Agile Create Search ? Board

Backlog

QUICK FILTERS: Only My Issues Recently Updated

VERSIONS	Issue ID	Description	Actions
	CMAPPCR-24	(iOS) Nieuwe controller: "Statistieken"	View Notes
	CMAPPCR-30	(Tridion) Tekst voor kind ouder dan 3	Tekst kind ouder da...
	CMAPPCR-50	(iOS) Tekst tonen voor kind ouder dan 3	Tekst kind ouder da...
	CMAPPCR-101	(API) 500 error bij get promoties op test server	
	CMAPPCR-108	(iOS) Aanpassen emailadres: opvangen 400 'Email address already taken'	View Notes
	CMAPPCR-111	(API) Video: afmetingen in HTML kleiner maken	
	CMAPPCR-120	(iOS) Bij uploaden van meerdere foto's wordt slechts 1 bewaard	View Notes
	CMAPPCR-134	(iOS) Foto's downscalen naar 1080 x 1920	View Notes
	CMAPPCR-141	(API) Call voorzien voor deleten foto	
	CMAPPCR-145	(iOS) Crash indien server niet bereikbaar	View Notes
	CMAPPCR-148	(API) TST server: aanmaken gebruiker geeft 503	

Sprint 3b View Notes Android 8 issues
15/Sep/15 11:31 PM • 30/Sep/15 11:31 PM

...

CMAPPCR-43	(Android) Notities consulteren en aanpassen	View Notes
CMAPPCR-105	(Android) Uitbreiding Landingspagina: Knop "Toon Notities"	View Notes

Sprint Board (JIRA Agile)

JIRA Dashboards Projects Issues Agile Create Search ? Board ▾

Active sprints: Sprint 3a View Notes iOS ▾

QUICK FILTERS: Only My Issues Recently Updated

7 days remaining Complete Sprint

To Do	In Progress	Quality Assurance	Done
<ul style="list-style-type: none"> CMAPPCR-14 [OPEN] 6 sub-tasks (iOS) Notities consulteren en aanpassen CMAPPCR-20 [] (iOS) Nieuwe controller: "Detail Notitie" CMAPPCR-21 [] (iOS) Filters voor "Overzicht Notities" CMAPPCR-23 [] (iOS) Placeholder voor 'Mijn notities' CMAPPCR-146 [] (iOS) Foto deleten in bestaande notitie 			
<ul style="list-style-type: none"> CMAPPCR-106 [OPEN] 1 sub-task (iOS) Uitbreiding Landingspagina: Knop "Toon Notities" CMAPPCR-107 [] (iOS) iPad: Layout Landingspagina zwangerschap - knoppen toevoegen voor notities 			
<ul style="list-style-type: none"> Other Issues 12 issues 	<ul style="list-style-type: none"> CMAPPCR-16 [] (iOS) Uitbreiding Ontwikkelingslijn: Knop "Toon Notities" CMAPPCR-24 [] (iOS) Nieuwe controller: "Statistieken" CMAPPCR-50 [] (iOS) Tekst tonen voor kind ouder dan 3 CMAPPCR-134 [] (iOS) Foto's downscalen naar 1080 x 1920 CMAPPCR-145 [] (iOS) Crash indien server niet bereikbaar 	<ul style="list-style-type: none"> CMAPPCR-120 [] (iOS) Bij uploaden van meerdere foto's wordt slechts 1 bewaard CMAPPCR-141 [] (API) Call voorzien voor delete foto 	<ul style="list-style-type: none"> CMAPPCR-30 [] (Tridion) Tekst voor kind ouder dan 3 CMAPPCR-108 [] (iOS) Aanpassen emailadres: opvangen 400 'Email address already taken'
		<ul style="list-style-type: none"> GMAPPCR-101 [] (API) 500 error bij get promoties op test server GMAPPCR-111 [] (API) Video: afmetingen in HTML kleiner maken GMAPPCR-148 [] (API) TST server: aanmaken gebruiker geeft 503 	

View Notes

Issues/Stories (JIRA)

Issues: Open Issues ▾

[View all issues and filters](#)

[CMAPPCR-40](#)

(Android) Notities aanpassen

[CMAPPCR-34](#)

(Android) Nieuwe controller: "Overz...

[CMAPPCR-66](#)

(Backend) Tekst kind > 3 jaar

[CMAPPCR-50](#)

(iOS) Tekst tonen voor kind ouder d...

[CMAPPCR-60](#)

(Backend) Gebruiker kan een notiti...

[CMAPPCR-62](#)

Media uploaden

[CMAPPCR-64](#)

(Backend) Gebruiker kan een overz...

[CMAPPCR-63](#)

Tags & milestones

[CMAPPCR-61](#)

Notitie aanmaken

[+ CMAPPCR-91](#)

(Tridion content) Info bij kind > 0 ja...

[CMAPPCR-20](#)

(iOS) Nieuwe controller: "Detail Not...

[CMAPPCR-45](#)

(Android) Nieuwe controller: "Detail...

[CMAPPCR-48](#)

(Android) Nieuwe controller: "Statist...

[CMAPPCR-24](#)

(iOS) Nieuwe controller: "Statistieken"

[CMAPPCR-44](#)

(Android) Filters voor "Overzicht No...



CM Skoebidoe App Change / CMAPPCR-43 (Android) Notities consulteren en aanpassen / CMAPPCR-45

(Android) Nieuwe controller: "Detail Notitie"

[Edit](#)

[Comment](#)

[Assign](#)

[More ▾](#)

[Start Analysis](#)

[Return to Customer Int...](#)

[Export ▾](#)

Details

Type: [Sub-task](#)

Status: [OPEN](#) [\(View Workflow\)](#)

Priority: Normal

Resolution: Unresolved

Labels: [Android](#)

Sprint: Sprint 3b View Notes Android

People

Assignee:

Michael Vanderpoorten

[Assign to me](#)

Reporter:

Luc Peeters

Votes:

0

Watchers:

1 Stop watching this issue

Dates

Created:

10/Aug/15 3:06 PM

Updated:

19/Aug/15 1:38 PM

Development

[Create branch](#)

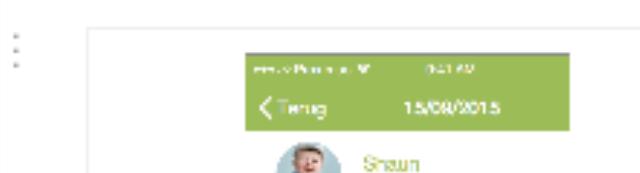
Agile

Active Sprint:

[Sprint 3b View Notes Android](#)

ends 30/Sep/15

Attachments



Detail Notitie.png
88 kB 19/Aug/15 1:18 PM



Detail Notitie zwangerschap.png
246 kB 19/Aug/15 1:38 PM

Agile Concepts in JIRA

Sprint

- Sprint:
 - fixed length of time (2-4 weeks)
 - agreed-upon scope (sprint backlog)
 - Deliverable: shippable software

Active sprints: Sprint 3a View Notes iOS -

QUICK FILTERS: Only My Issues Recently Updated

To Do	In Progress	Quality Assurance	Done
CMAPPCR-14 OPEN 6 sub-tasks (iOS) Notities consulteren en aanpassen			
CMAPPCR-20 ↓ (iOS) Nieuwe controller: "Detail Notitie"			
CMAPPCR-21 ↓ (iOS) Filters voor "Overzicht Notities"			
CMAPPCR-23 ↓ (iOS) Placeholder voor 'Mijn notities'			
CMAPPCR-146 ↓ (IOS) Foto deleten in bestaande notitie			
CMAPPCR-106 OPEN 1 sub-task (iOS) Uitbreiding Landingspagina: Knop "Toon Notities"			
CMAPPCR-107 ↓ (iOS) iPad: Layout Landingspagina zwangerschap - knoppen toevoegen voor notities			

Epics

- Map out ‘big chunk of work’ - then add related issues (‘Children’ of the epic)
- Flexible scope: add/remove issues as needed
- Not necessarily related to time (>< Sprint Backlog)

User Stories

- User Stories:
 - High-level feature descriptions
 - Define benefit from a customer's perspective
 - Focused on business value - cfr format Issue title:
 - **As a <user type>, I want <a goal> so that <benefit>**
- Set-up GitHub Issue template:
 - Acceptance criteria, ...

Issues: Open Issues [View all issues](#)

CMAPPCR-44 (Android) Notities aanpassen
CMAPPCR-34 (Android) Nieuwe controller: "Overz...
CMAPPCR-66 (Backend) Tekst kind > 3 jaar
CMAPPCR-50 (iOS) Tekst tonen voor kind ouder d...
CMAPPCR-60 (Backend) Gebruiker kan een notiti...
CMAPPCR-62 Media uploaden
CMAPPCR-64 (Backend) Gebruiker kan een overz...
CMAPPCR-63 Tags & milestones
CMAPPCR-61 Notitie aanmaken
+ CMAPPCR-91 (Tridion content) Info bij kind > 0 ja...
CMAPPCR-20 (iOS) Nieuwe controller: "Detail Noti...

[Edit](#) [Comment](#) [Assign](#) [More](#) [Start Analysis](#) [Return to Customer Int...](#)

CM Skoebidoe App Change / CMAPPCR-43 (Android) Notities consulteren en aanpassen / CMAPPCR-45
(Android) Nieuwe controller: "Detail Notitie"

Details

Type:	Sub-task
Status:	OPEN View Workflow
Priority:	Normal
Resolution:	Unresolved
Labels:	Android
Sprint:	Sprint 3b View Notes Android

Description

- De nieuwe controller "Detail Notitie" is een detailview van 1 notitie - cfr screenshot
- Navigation presentation gebruiken: Hierarchy main list = overzicht notities, cfr. #CMAPPCR-19 > Detail Page = Detail Notitie = deze controller
- 'Back' knop links boven brengt terug naar het overzicht met de daarvoor toegepaste filter, cfr. #CMAPPCR-21

Attachments

--	--

People

Assignee: [Michael Vanderp](#) [Assign to me](#)

Reporter: [Luc Peeters](#)

Votes: 0

Watchers: 1 [Stop watching this issue](#)

Dates

Created: 10/Aug/15 3:06 PM

Updated: 19/Aug/15 1:38 PM

Product Backlog → Open Issues that are not assigned to a sprint

- Product Backlog:
 - ‘Master story list’ = everything we *might* do
 - Ordered vertically by business value (high to low)
 - Type of Issues in the backlog:
 - User Stories
 - Half-baked feature ideas
 - Technical work
 - First, get *everything* into JIRA
 - Close the issue if it’s *never* going to get done

The screenshot shows the JIRA interface with the 'Backlog' view selected. The left sidebar has icons for Versions, Epics, and a search bar. The main area displays a list of issues with their keys, descriptions, and labels. A 'Sprint 3b View Notes Android' section is visible at the bottom.

Issue Key	Description
CMAPPCR-24	(iOS) Nieuwe controller: "Statistieken"
CMAPPCR-30	(Tridion) Tekst voor kind ouder dan 3
CMAPPCR-50	(iOS) Tekst tonen voor kind ouder dan 3
CMAPPCR-101	(API) 500 error bij get promoties op test server
CMAPPCR-108	(iOS) Aanpassen emailadres: opvangen 400 'Email address a
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CMAPPCR-141	(API) Call voorzien voor deleten foto
CMAPPCR-145	(iOS) Crash indien server niet bereikbaar
CMAPPCR-148	(API) TST server: aanmaken gebruiker geeft 503

Sprint 3b View Notes Android 8 issues
15/Sep/15 11:31 PM • 30/Sep/15 11:31 PM

Issue Key	Description
CMAPPCR-43	(Android) Notities consulteren en aanpassen
CMAPPCR-105	(Android) Uitbreiding Landingspagina: Knop "Toon Notities"
CMAPPCR-47	(Android) Uitbreiding Ontwikkelingslijn: Knop "Toon Notities"
CMAPPCR-48	(Android) Nieuwe controller: "Statistieken"

Sprint Backlog → Issues assigned to a sprint

- Work your team has committed to implement in a give Milestone/Sprint
- Requirements for sprint issues:
 - Detailed !
 - Estimated
 - Milestone attached
 - Vertically ranked by priority
- ‘Icebox’: issues that aren’t a priority
- Backlog: issues for multiple milestones
 - Filter the board by milestone, to see a sprint

Active sprints: Sprint 3a View Notes iOS -

QUICK FILTERS: Only My Issues Recently Updated

To Do In Progress

- CMAPPCR-14 OPEN 6 sub-tasks (iOS) Notities consulteren en aanpassen
- CMAPPCR-20 OPEN (iOS) Nieuwe controller: "Detail Notitie"
- CMAPPCR-21 OPEN (iOS) Filters voor "Overzicht Notities"
- CMAPPCR-23 OPEN (iOS) Placeholder voor 'Mijn notities'
- CMAPPCR-146 OPEN (iOS) Foto deleten in bestaande notitie
- CMAPPCR-106 OPEN 1 sub-task (iOS) Uitbreiding Landingspagina: Knop "Toon Notities"
- CMAPPCR-107 OPEN (iOS) iPad: Layout Landingspagina zwangerschap - knoppen toevoegen voor notities

Other Issues 12 issues

- CMAPPCR-16 OPEN (iOS) Uitbreiding Ontwikkelingslijn: Knop "Toon Notities" [View Notes](#)
- CMAPPCR-24 OPEN (iOS) Nieuwe controller: "Statistieken" [View Notes](#)
- CMAPPCR-50 OPEN (iOS) Tekst tonen voor kind ouder dan 3 [Tekst kind ouder dan 3](#)
- CMAPPCR-134 OPEN (iOS) Foto's downscalen naar 1080 x 1920 [M](#)

CMAPPCR-120 (iOS) Bij uploaden van meerdere foto's wordt bewaard

CMAPPCR-141 (API) Call voorzien voor delete foto