Flow Team Agile Workshop

Second Course - 29 August, 2013

Ground rules

- No laptops (unless taking notes or emergency)
- No cell phones (unless emergency)
- Work as teams
- Be timely
- Be open - open minded and open with each other
- Bring energy
- Emotions
- One conversation at a time, feel free to ask questions as they arise
- Be mindful of the chickens and pigs

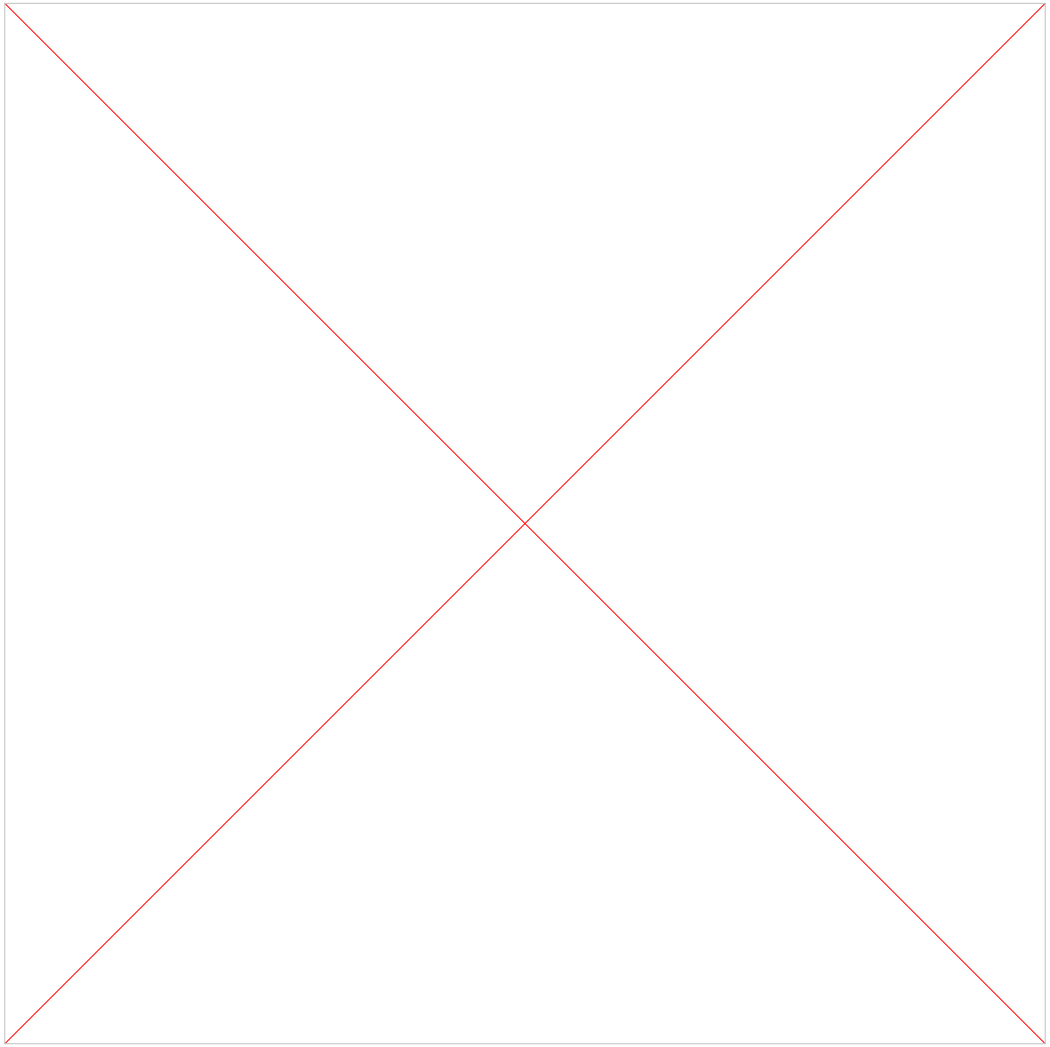
Today's agenda

Objective: Understand Scrum artifacts and rituals

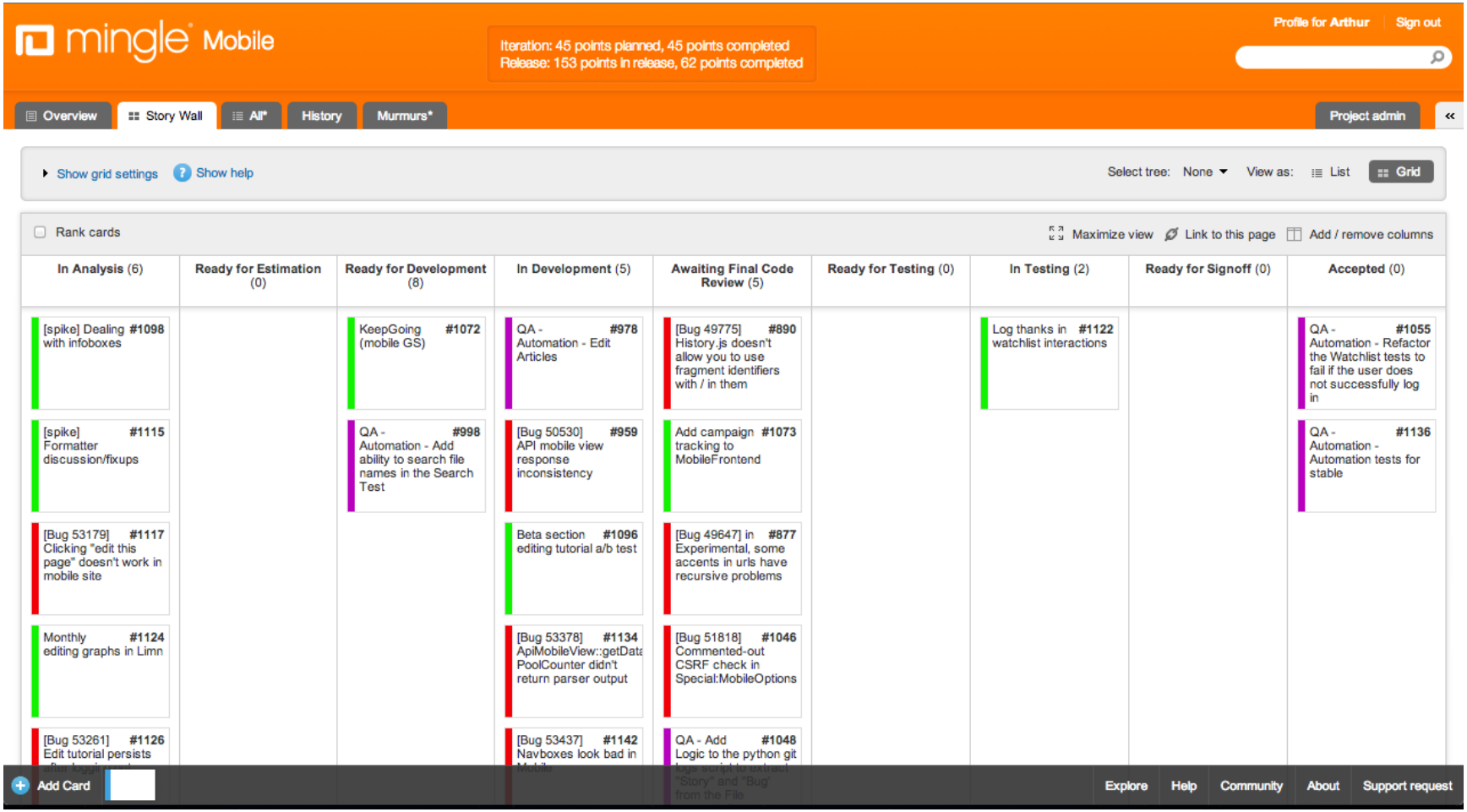
- Scrum rituals
- Remote participation
- User stories
- Lunch
- Prioritization
- Estimation
- Acceptance criteria
- Daily retrospective

Scrum Rituals

Become a slave to the timebox



Storywall


mingle Mobile
Iteration: 45 points planned, 45 points completed
Release: 153 points in release, 62 points completed
Profile for Arthur
Sign out
Overview
Story Wall
All*
History
Murmurs*
Project admin
Show grid settings
Show help
Select tree: None
View as: List
Grid
Rank cards
Maximize view
Link to this page
Add / remove columns
In Analysis (6)
Ready for Estimation (0)
Ready for Development (8)
In Development (5)
Awaiting Final Code Review (5)
Ready for Testing (0)
In Testing (2)
Ready for Signoff (0)
Accepted (0)
[spike] Dealing with infoboxes #1098
[spike] Formatter discussion/fixups #1115
[Bug 53179] Clicking "edit this page" doesn't work in mobile site #1117
Monthly editing graphs in Limn #1124
[Bug 53261] Edit tutorial persists #1126
KeepGoing (mobile GS) #1072
QA - Automation - Add ability to search file names in the Search Test #998
QA - Automation - Edit Articles #978
[Bug 50530] API mobile view response inconsistency #959
Beta section editing tutorial a/b test #1096
[Bug 53378] ApiMobileView::getData PoolCounter didn't return parser output #1134
[Bug 53437] Navboxes look bad in #1142
[Bug 49775] History.js doesn't allow you to use fragment identifiers with / in them #890
Add campaign tracking to MobileFrontend #1073
[Bug 49647] in Experimental, some accents in urls have recursive problems #877
[Bug 51818] Commented-out CSRF check in Special:MobileOptions #1046
QA - Add Logic to the python git #1048
Log thanks in watchlist interactions #1122
QA - Automation - Refactor the Watchlist tests to fail if the user does not successfully log in #1055
QA - Automation - Automation tests for stable #1136
Add Card
Explore
Help
Community
About
Support request

Standup

- What did you do yesterday?
- What are you doing today?
- What are your blockers?

Sprint planning

- Set goal
- Pick stories, create new ones if necessary
- Estimate
- Make commitments

Sprint kickoff

- Reiterate goal
- Product gives some inspiration
- Any last minute review
- Go!

Sprint review

- Review velocity
- Current status

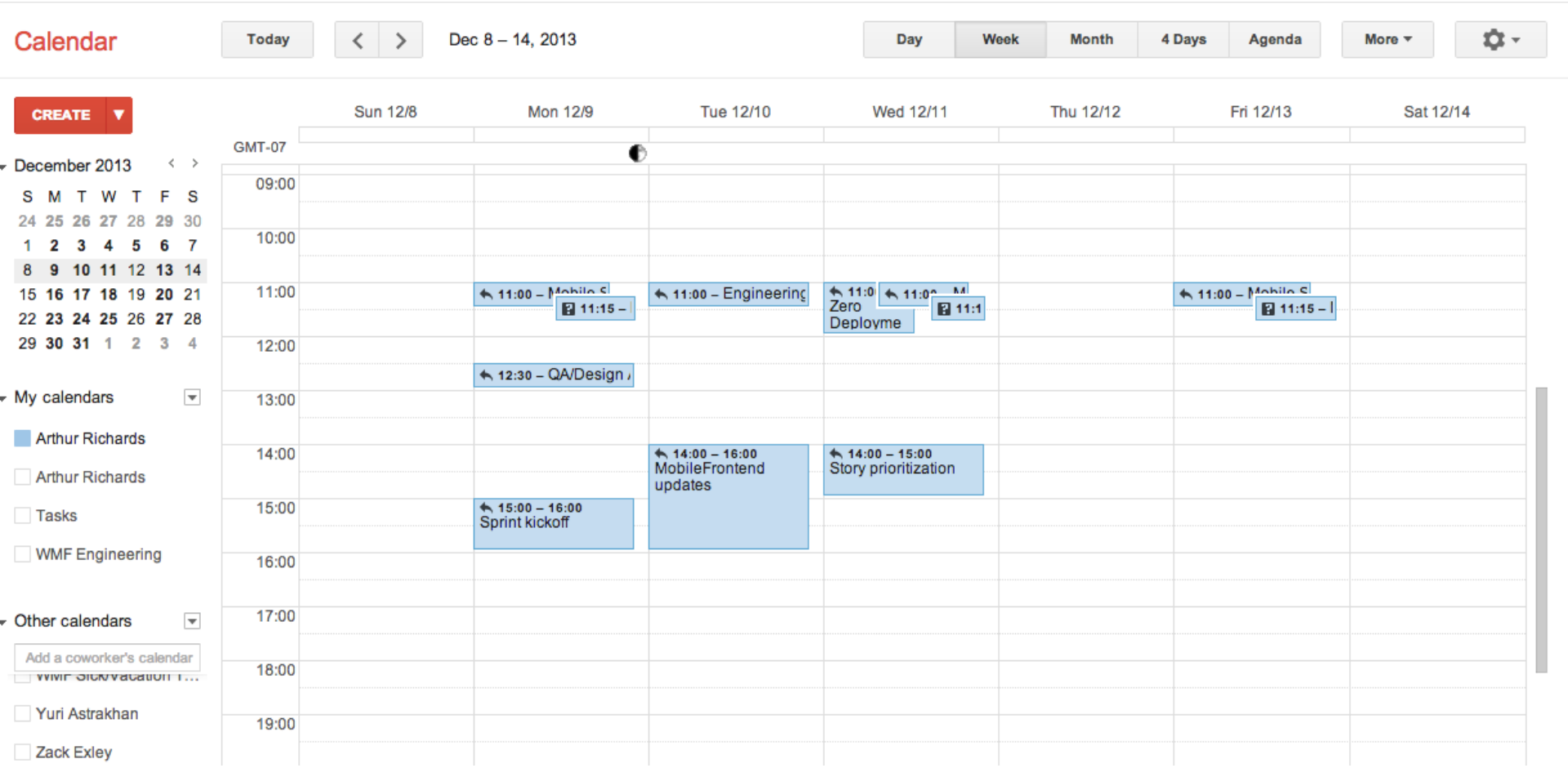
Showcase

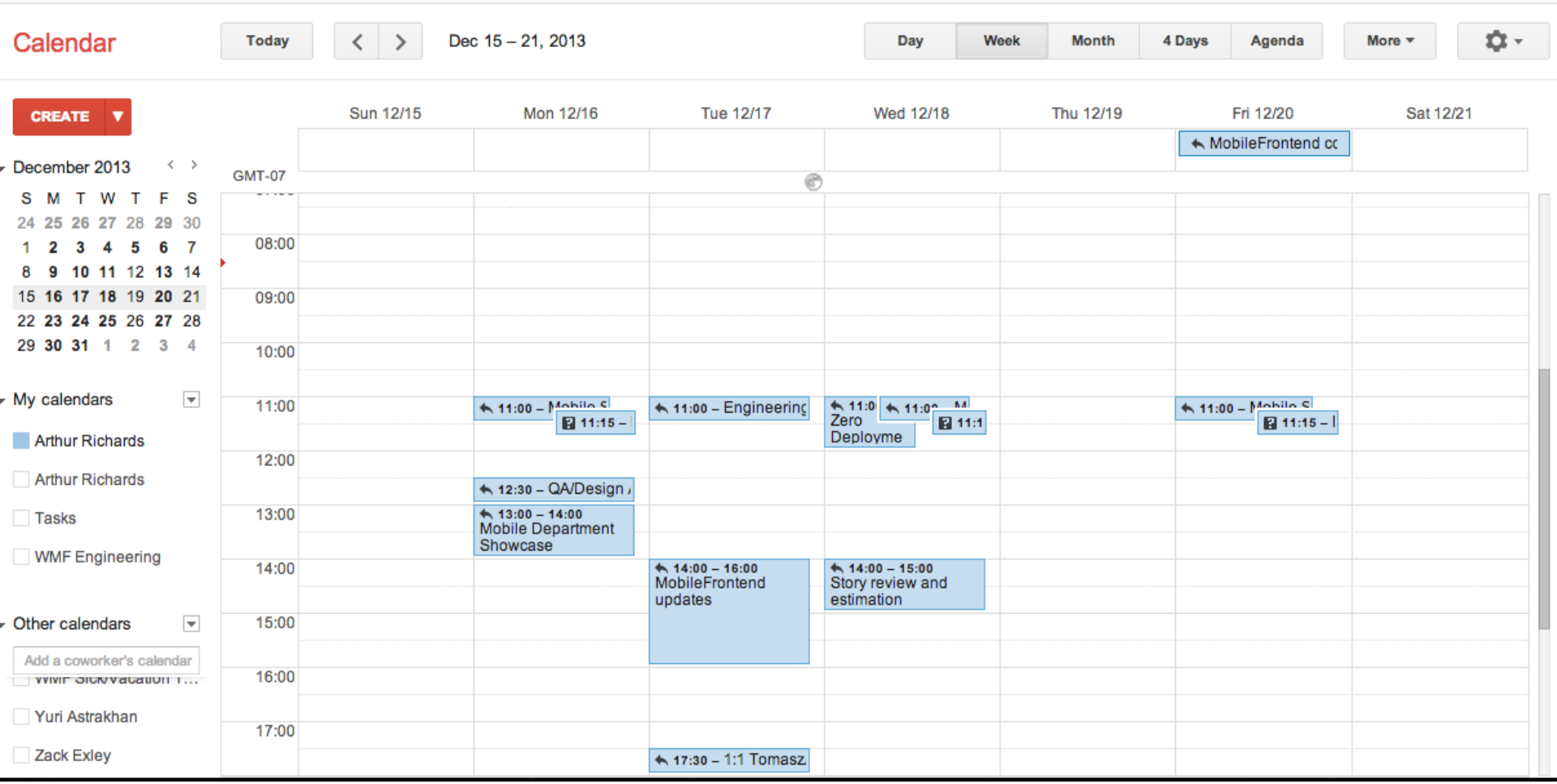
- Demo to stakeholders
- Timebox to 1 hour
- Timebox prep to two hours
- Collect feedback, use to inform upcoming iterations

Retrospective

- what's been working
- what hasn't
- what still puzzles

ADAPT and EVOLVE.


Calendar
Today
Dec 8 – 14, 2013
Day
Week
Month
4 Days
Agenda
More
CREATE
December 2013
S M T W T F S
24 25 26 27 28 29 30
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31 1 2 3 4
My calendars
Arthur Richards
Arthur Richards
Tasks
WMF Engineering
Other calendars
Add a coworker's calendar
Yuri Astrakhan
Zack Exley
Sun 12/8
Mon 12/9
Tue 12/10
Wed 12/11
Thu 12/12
Fri 12/13
Sat 12/14
GMT-07
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
11:00 – Engineering
12:30 – QA/Design
14:00 – 16:00
MobileFrontend updates
14:00 – 15:00
Story prioritization
15:00 – 16:00
Sprint kickoff


Calendar
Today
Dec 15 – 21, 2013
Day
Week
Month
4 Days
Agenda
More
CREATE
December 2013
S M T W T F S
24 25 26 27 28 29 30
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
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My calendars
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Sun 12/15
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Wed 12/18
Thu 12/19
Fri 12/20
Sat 12/21
MobileFrontend cc
GMT-07
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
11:00 – Engineering
12:30 – QA/Design
13:00 – 14:00
Mobile Department
Showcase
14:00 – 16:00
MobileFrontend
updates
14:00 – 15:00
Story review and
estimation
17:30 – 1:1 Tomasz

Long term planning?

- Quarterly
- Annual

Remote participation

Remote Participation Tips

- High throughput remote collaboration
  - Video equipped conference rooms
  - Google Hangout
  - Calendar invites
  - Good internet connection and a headset
- Searchable and archivable
- Everyone is a remotie

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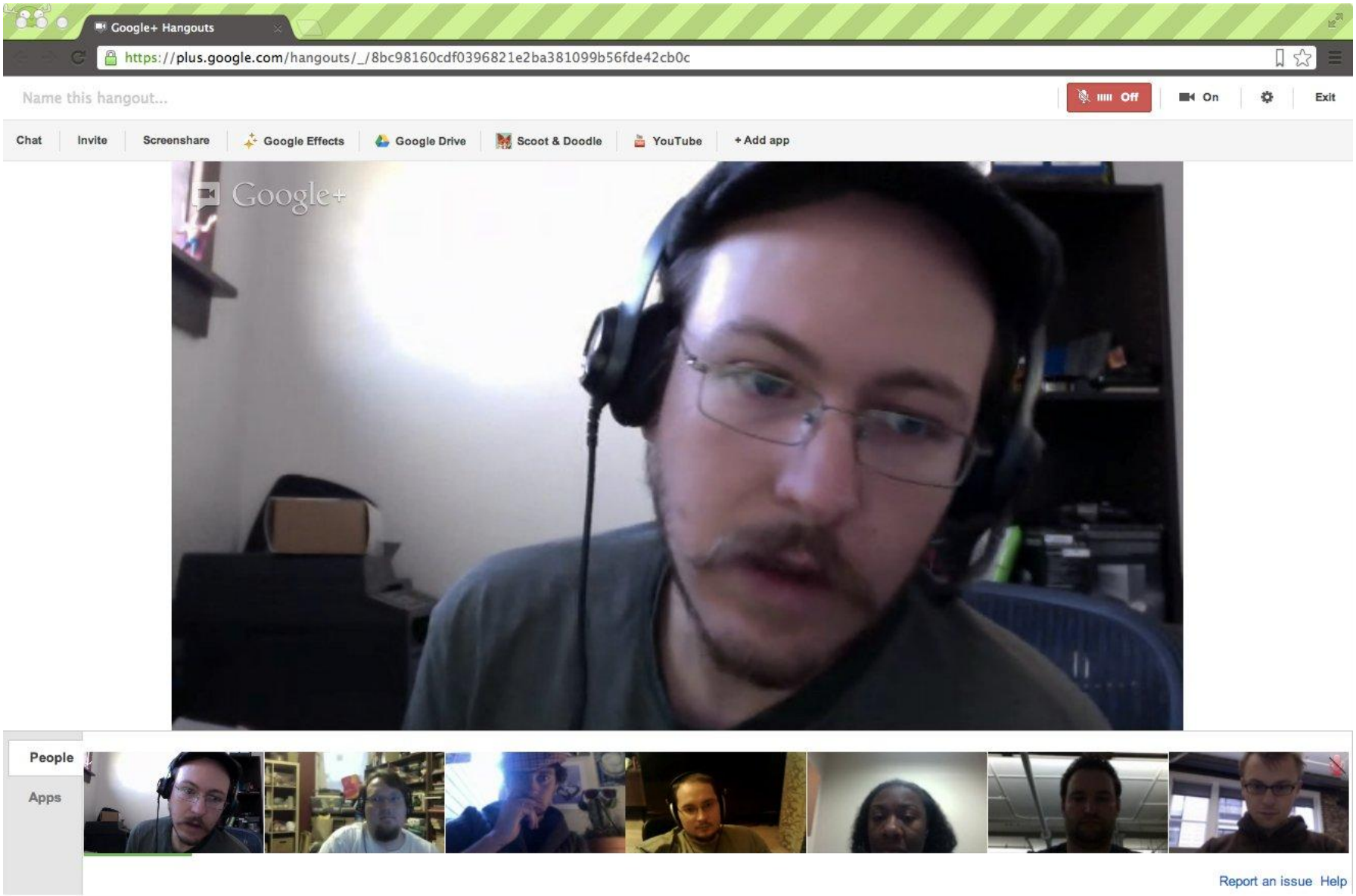
Google+ Hangouts
https://plus.google.com/hangouts/_/8bc98160cdf0396821e2ba381099b56fde42cb0c
Name this hangout...
Off
On
Exit
Chat
Invite
Screenshare
Google Effects
Google Drive
Scoot & Doodle
YouTube
+ Add app
Google+
People
Apps
Report an issue
Help

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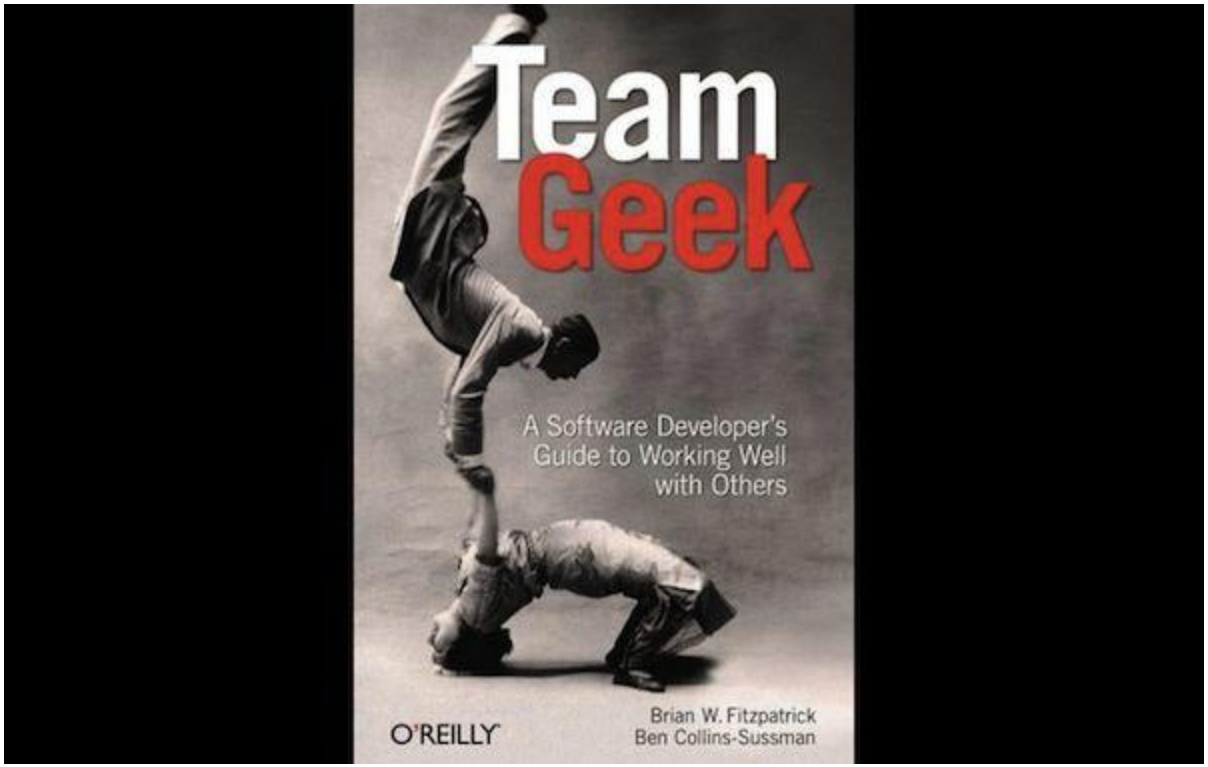
Team
Geek
A Software Developer's
Guide to Working Well
with Others
O'REILLY
Brian W. Fitzpatrick
Ben Collins-Sussman

Remote Participation Tips

- High throughput remote collaboration
  - Video equipped conference rooms
  - Google Hangout
  - Calendar invites
  - Good internet connection and headset
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- Everyone is a remotie

User stories

Good story qualities

- Independent

Good story qualities

- Independent
- Negotiable

Good story qualities

- Independent
- Negotiable
- Valuable to end-users

Good story qualities

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- Negotiable
- Valuable to end-users
- Estimable

Good story qualities

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- Small

Good story qualities

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- Estimable
- Small
- Testable

As a mobile editor, **I can** receive Echo notifications in the mobile interface, **so that** I can see when my edits are reverted while I'm on-the-go.

As a <user role>, **I can** <do something>, **so that** <I can achieve some goal>.

Spike

- Used to gain information required to estimate and/or analyze a story
- Timeboxed
- Comprised of prioritized questions to be answered

mingle Mobile

Iteration: 55 points planned, 45 points completed
Release: 153 points in release, 62 points completed

Overview | Story Wall | All* | History | Murmurs*

Up to All

EDIT | PRINT | DELETE | COPY TO... | Help

Transition(s): Accepted to Ready for Review

[spike] GettingStarted task roulette

#914

(v15 - Latest version, last modified about 1 month ago)

Add tags

Narrative

As a mobile team, I want to be able to deliver tasks to users based on certain categories/criteria (e.g., all stub articles that require copyediting)

Questions to answer

Talk to E3 about taskroulette (https://www.mediawiki.org/wiki/Onboarding_new_Wikipedians/Recommender_system)

- Can we use it to deliver random tasks on mobile?
- Do we have to do any additional work to reuse it?
- How hard/possible would it be to make it global instead of enwiki-only?
- How hard is it to add new tasks?

These are all answered at https://www.mediawiki.org/wiki/Mobile_web_projects/GettingStarted

Timebox

3 hours

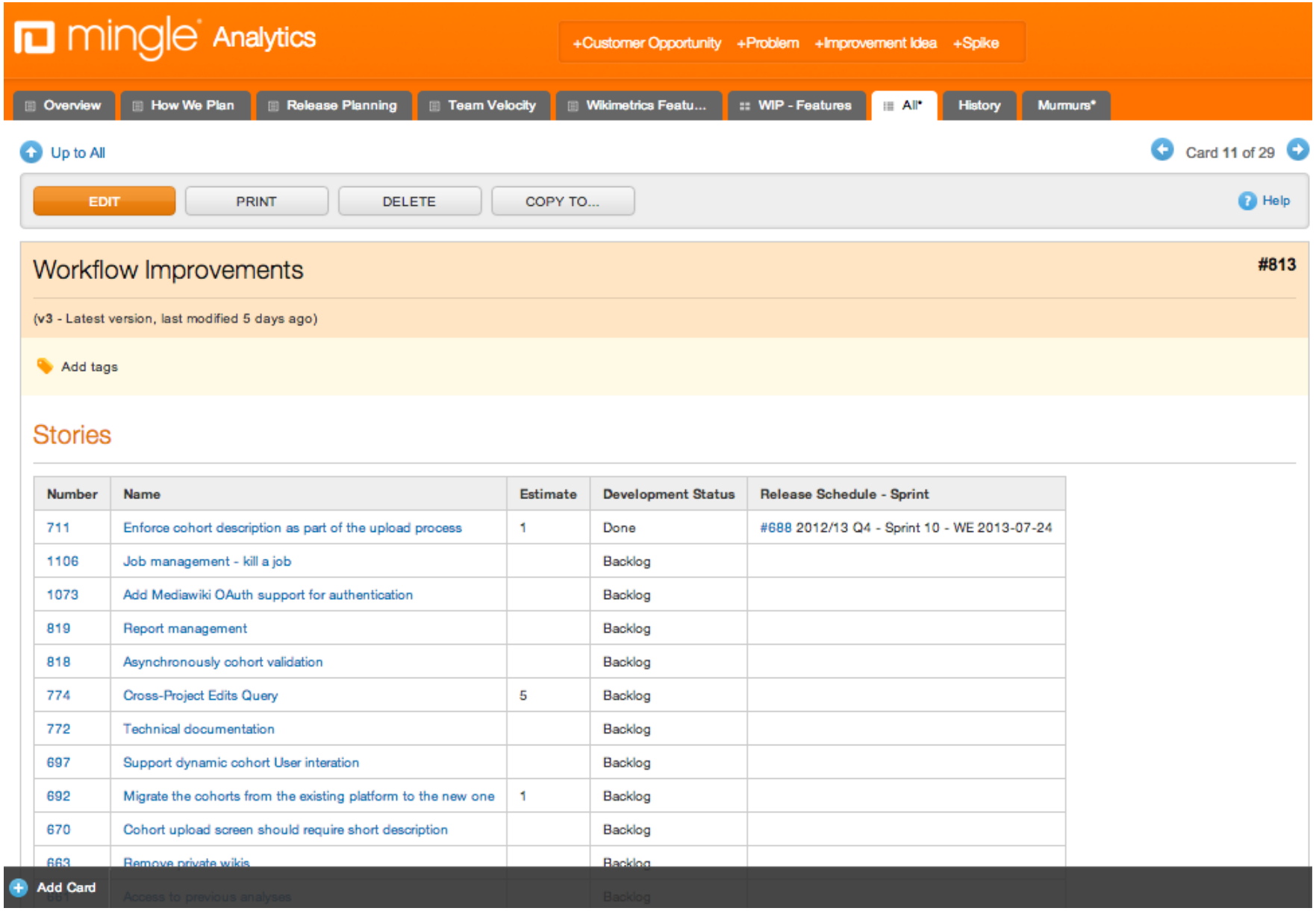
Related Bugs

Add Card

Related Stories

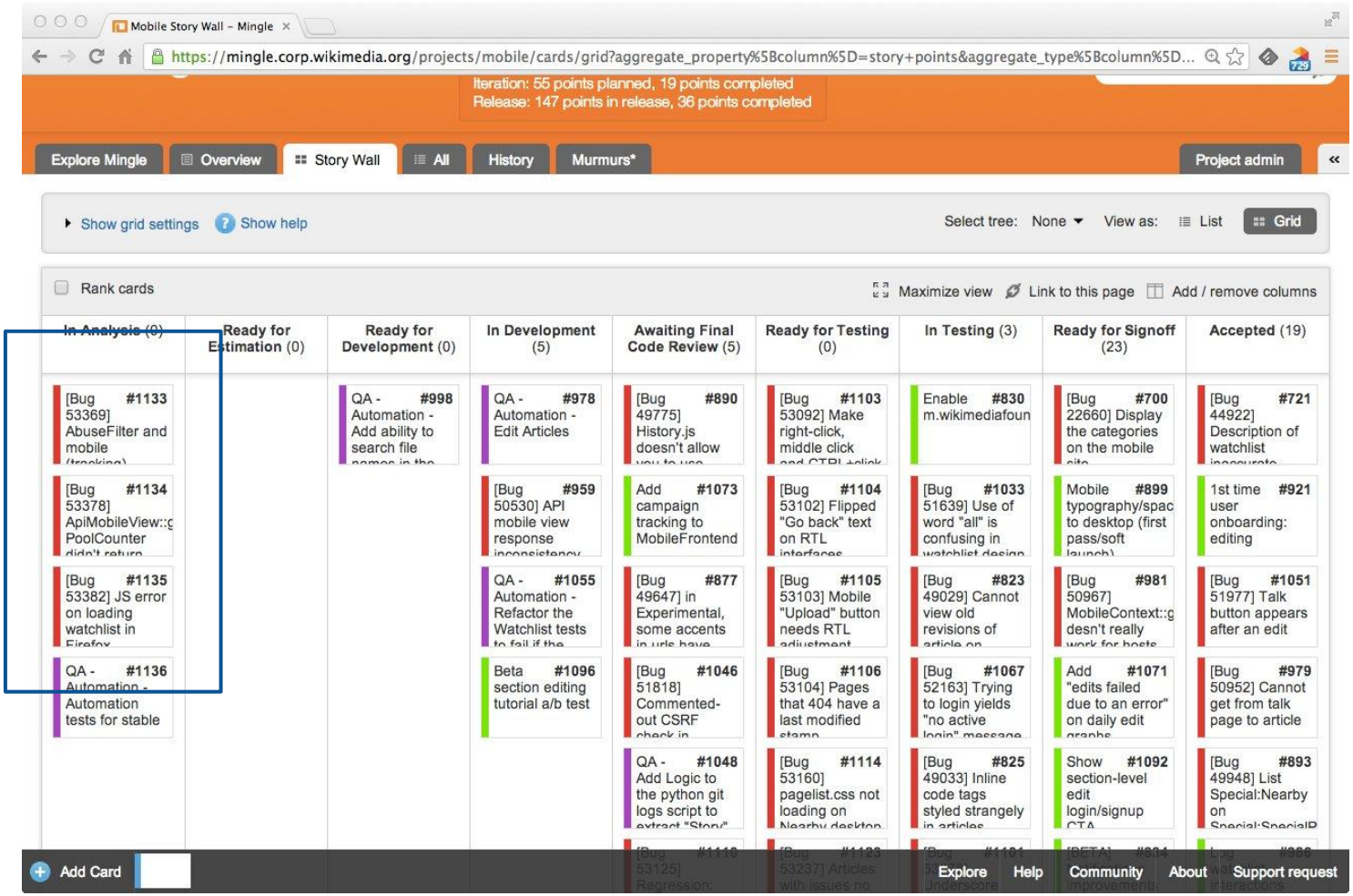
Epic

- Very large story, may require a release or multiple releases to complete
- Comprised of numerous small stories
- Can be useful for categorizing or grouping smaller stories

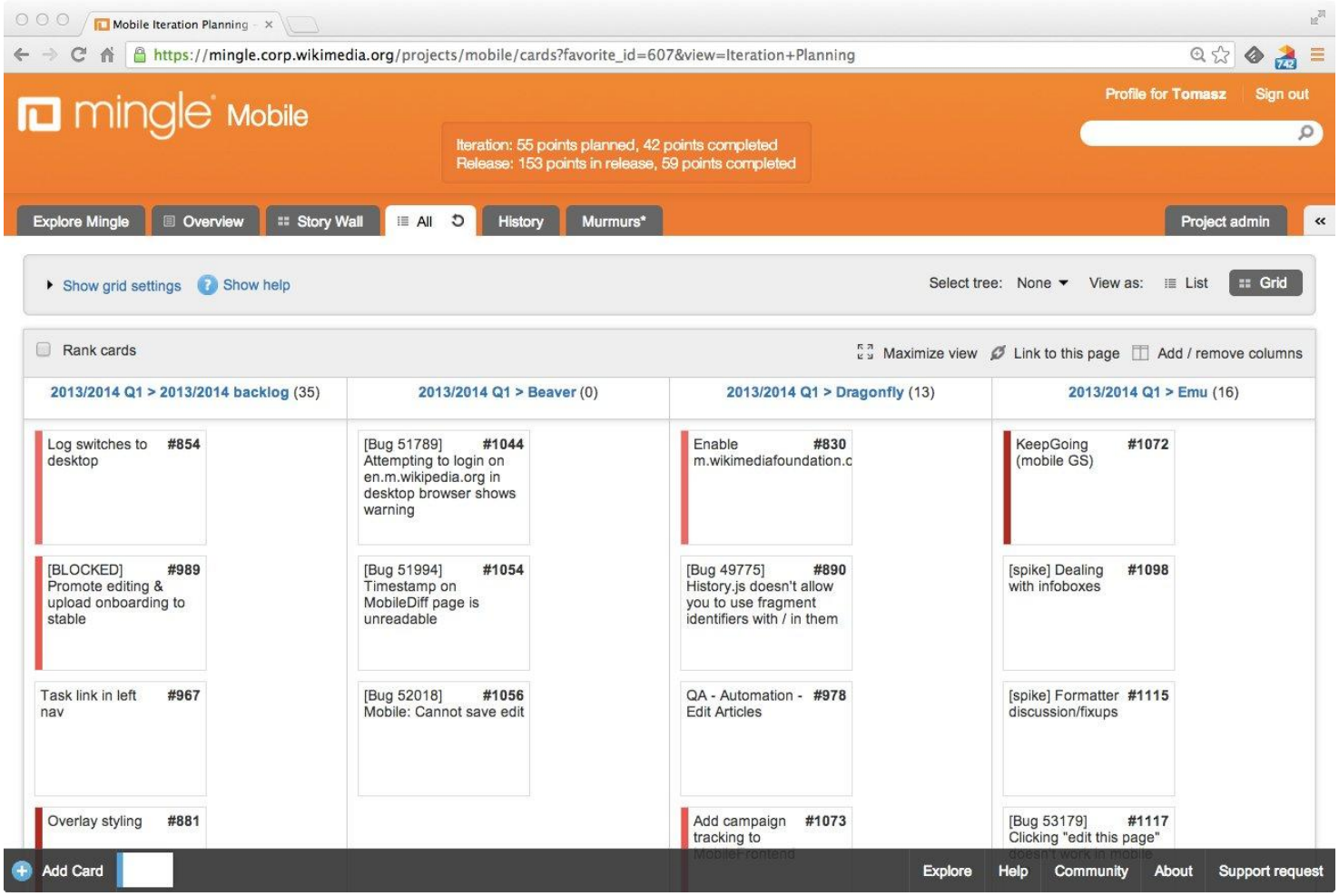

mingle Analytics
+Customer Opportunity +Problem +Improvement Idea +Spike
Overview
How We Plan
Release Planning
Team Velocity
Wikimetrics Featu...
WIP - Features
All*
History
Murmurs*
Up to All
Card 11 of 29
EDIT
PRINT
DELETE
COPY TO...
Help
Workflow Improvements
#813
(v3 - Latest version, last modified 5 days ago)
Add tags
Stories
Number
Name
Estimate
Development Status
Release Schedule - Sprint
711
Enforce cohort description as part of the upload process
1
Done
#688 2012/13 Q4 - Sprint 10 - WE 2013-07-24
1106
Job management - kill a job
Backlog
1073
Add Mediawiki OAuth support for authentication
Backlog
819
Report management
Backlog
818
Asynchronously cohort validation
Backlog
774
Cross-Project Edits Query
5
Backlog
772
Technical documentation
Backlog
697
Support dynamic cohort User interation
Backlog
692
Migrate the cohorts from the existing platform to the new one
1
Backlog
670
Cohort upload screen should require short description
Backlog
663
Remove private wikis
Backlog
661
Access to previous analyses
Backlog
Add Card

Bugzilla
www.bugzilla.org

Bugs


Mobile Story Wall – Mingle
https://mingle.corp.wikimedia.org/projects/mobile/cards/grid?aggregate_property%5Bcolumn%5D=story+points&aggregate_type%5Bcolumn%5D...
Iteration: 55 points planned, 19 points completed
Release: 147 points in release, 36 points completed
Explore Mingle
Overview
Story Wall
All
History
Murmurs*
Project admin
Show grid settings
Show help
Select tree: None
View as: List
Grid
Rank cards
Maximize view
Link to this page
Add / remove columns
In Analysis (0)
Ready for Estimation (0)
Ready for Development (0)
In Development (5)
Awaiting Final Code Review (5)
Ready for Testing (0)
In Testing (3)
Ready for Signoff (23)
Accepted (19)
[Bug #1133 53369] AbuseFilter and mobile
[Bug #1134 53378] ApiMobileView::g PoolCounter
[Bug #1135 53382] JS error on loading watchlist in
QA - #1136 Automation - Automation tests for stable
QA - #998 Automation - Add ability to search file
QA - #978 Automation - Edit Articles
[Bug #959 50530] API mobile view response
QA - #1055 Automation - Refactor the Watchlist tests
Beta #1096 section editing tutorial a/b test
[Bug #890 49775] History.js doesn't allow
Add #1073 campaign tracking to MobileFrontend
[Bug #877 49647] in Experimental, some accents
[Bug #1046 51818] Commented-out CSRF
QA - #1048 Add Logic to the python git logs script to
[Bug #1103 53092] Make right-click, middle click
[Bug #1104 53102] Flipped "Go back" text on RTL
[Bug #1105 53103] Mobile "Upload" button needs RTL
[Bug #1106 53104] Pages that 404 have a last modified
[Bug #1114 53160] pagelist.css not loading on
Enable #830 m.wikimediafoun
[Bug #1033 51639] Use of word "all" is confusing in
[Bug #823 49029] Cannot view old revisions of
[Bug #1067 52163] Trying to login yields "no active
[Bug #825 49033] Inline code tags styled strangely
[Bug #700 22660] Display the categories on the mobile
Mobile #899 typography/spac to desktop (first pass/soft
[Bug #981 50967] MobileContext::g desn't really
Add #1071 "edits failed due to an error" on daily edit
Show #1092 section-level edit login/signup
[Bug #721 44922] Description of watchlist
1st time #921 user onboarding: editing
[Bug #1051 51977] Talk button appears after an edit
[Bug #979 50952] Cannot get from talk page to article
[Bug #893 49948] List Special:Nearby on
Add Card
Explore
Help
Community
About
Support request

Backlogs


Mobile Iteration Planning
https://mingle.corp.wikimedia.org/projects/mobile/cards?favorite_id=607&view=Iteration+Planning
mingle Mobile
Profile for Tomasz
Sign out
Iteration: 55 points planned, 42 points completed
Release: 153 points in release, 59 points completed
Explore Mingle
Overview
Story Wall
All
History
Murmurs*
Project admin
Show grid settings
Show help
Select tree: None
View as: List
Grid
Rank cards
Maximize view
Link to this page
Add / remove columns
2013/2014 Q1 > 2013/2014 backlog (35)
2013/2014 Q1 > Beaver (0)
2013/2014 Q1 > Dragonfly (13)
2013/2014 Q1 > Emu (16)
Log switches to desktop #854
[Bug 51789] Attempting to login on en.m.wikipedia.org in desktop browser shows warning #1044
Enable m.wikimediafoundation.c #830
KeepGoing (mobile GS) #1072
[BLOCKED] Promote editing & upload onboarding to stable #989
[Bug 51994] Timestamp on MobileDiff page is unreadable #1054
[Bug 49775] History.js doesn't allow you to use fragment identifiers with / in them #890
[spike] Dealing with infoboxes #1098
Task link in left nav #967
[Bug 52018] Mobile: Cannot save edit #1056
QA - Automation - Edit Articles #978
[spike] Formatter discussion/fixups #1115
Overlay styling #881
Add campaign tracking to #1073
[Bug 53179] Clicking "edit this page" #1117
Add Card
Explore
Help
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Support request

User story workshop

exercise

Prioritization

PRIORITIZE
ALL THE THINGS!!!

Prioritization metrics

- Risk involved
  - Scheduling
  - Community
  - Functional
- Effort of development
- Value/desirability of features
  - MoSCoW

Prioritization

exercise

Estimation

Relative size

Relative size

Relative size

Relative size

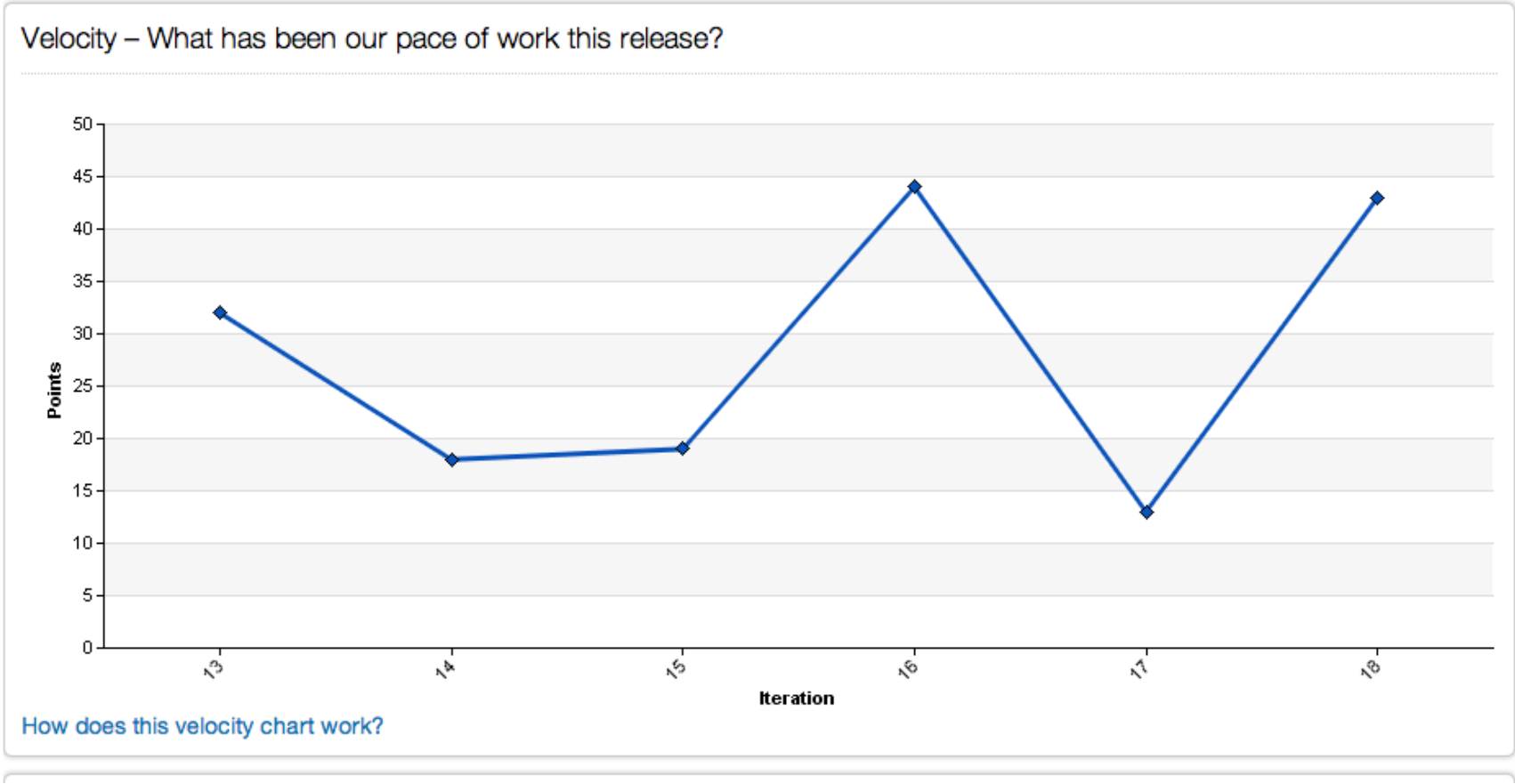
Estimation is shared

- Estimation owned by the team - not by individuals
- Done by engineers, with product present

Estimation scale

- Fibonacci
- x1000
- Whatever you want

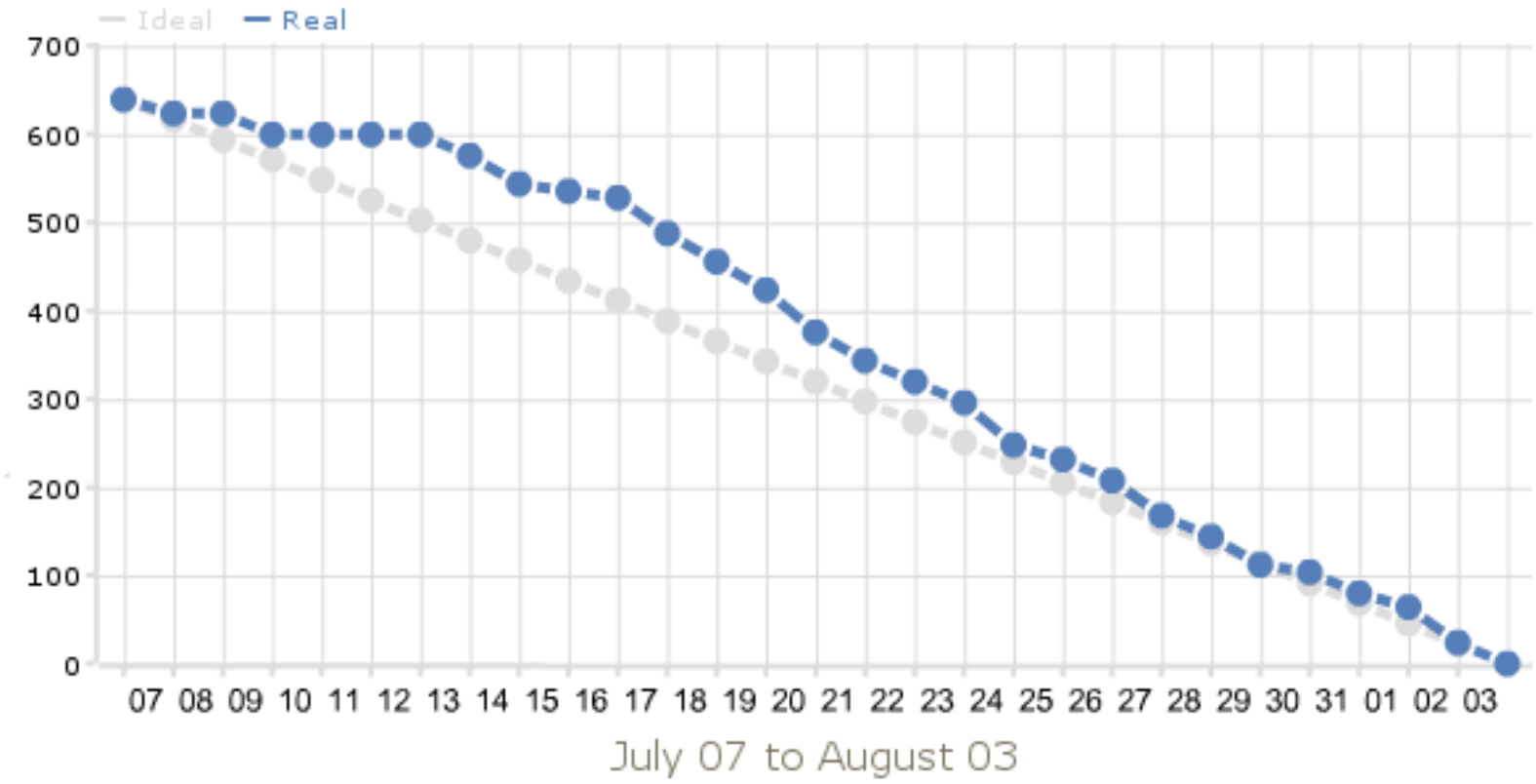
Velocity


Velocity – What has been our pace of work this release?
50
45
40
35
30
25
20
15
10
5
0
Points
13
14
15
16
17
18
Iteration
How does this velocity chart work?

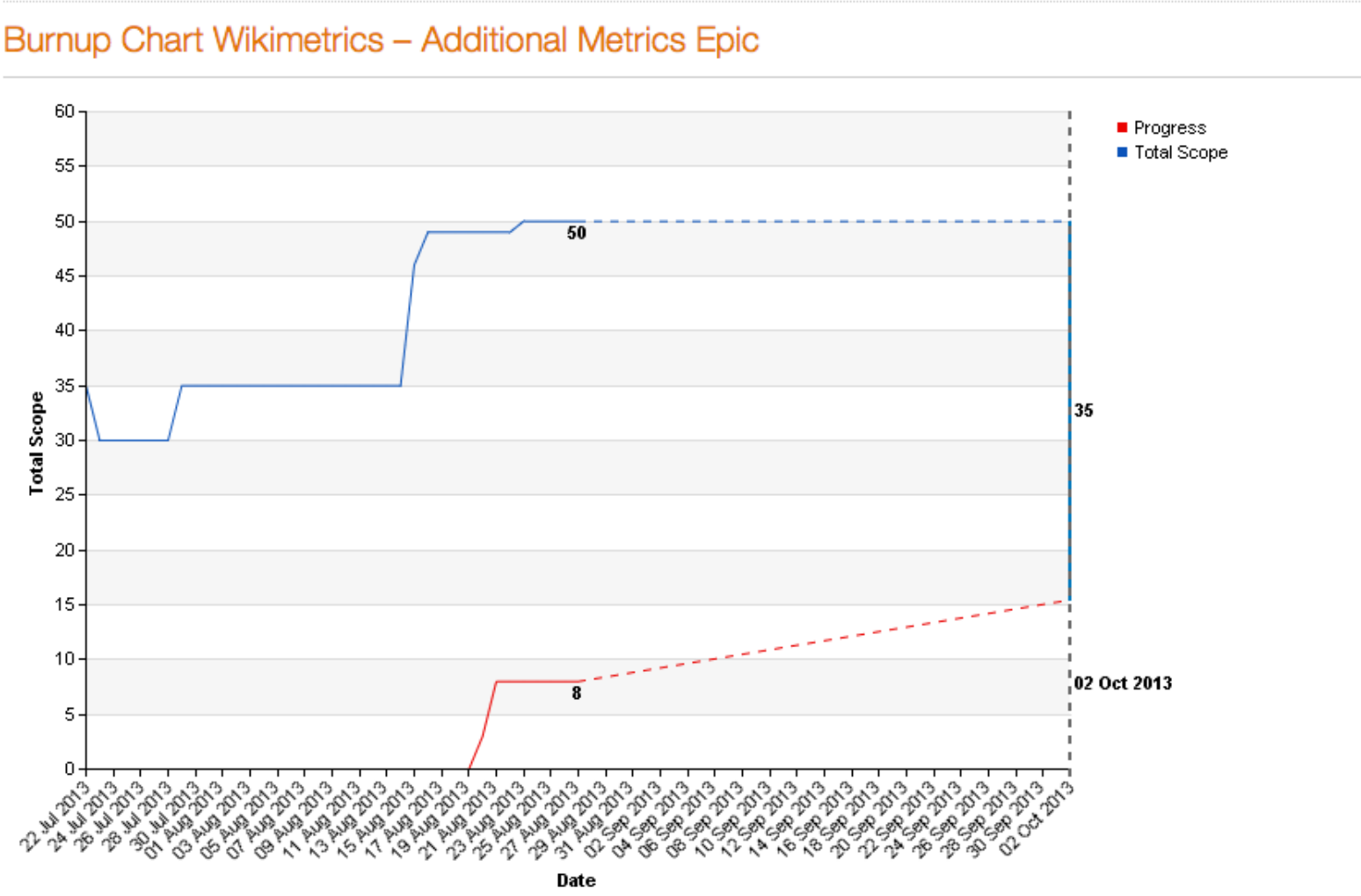
Velocity

- Avg story points completed
- Corrects estimation errors
- What's happened before is a good predictor of what will happen again
- Useful for capacity planning

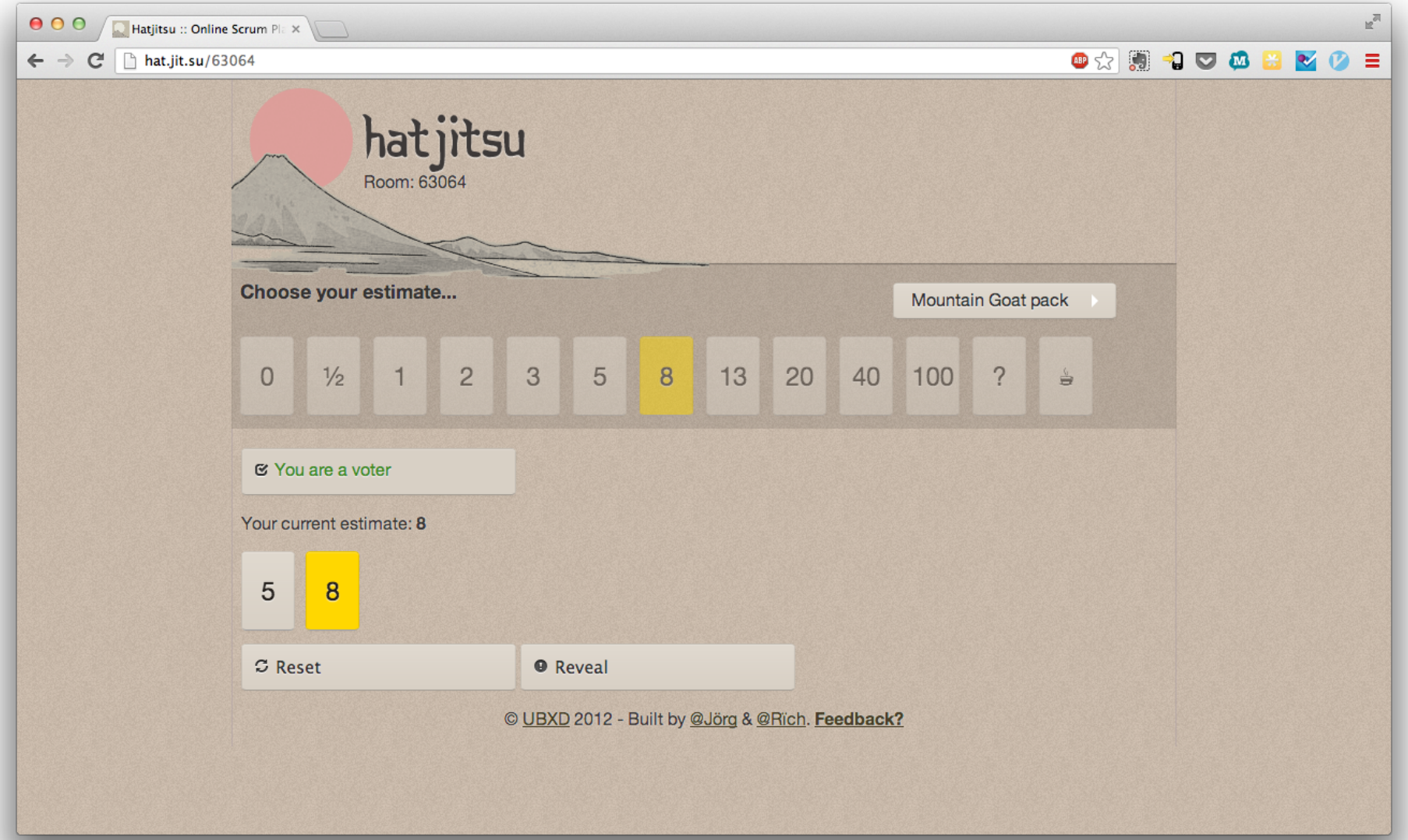
Burndown chart



Burnup chart



Planning poker


Hatjitsu :: Online Scrum Pl
hat.jit.su/63064
hatjitsu
Room: 63064
Choose your estimate...
Mountain Goat pack
0
½
1
2
3
5
8
13
20
40
100
?
You are a voter
Your current estimate: 8
5
8
Reset
Reveal
© UBXD 2012 - Built by @Jörg & @Rich. Feedback?

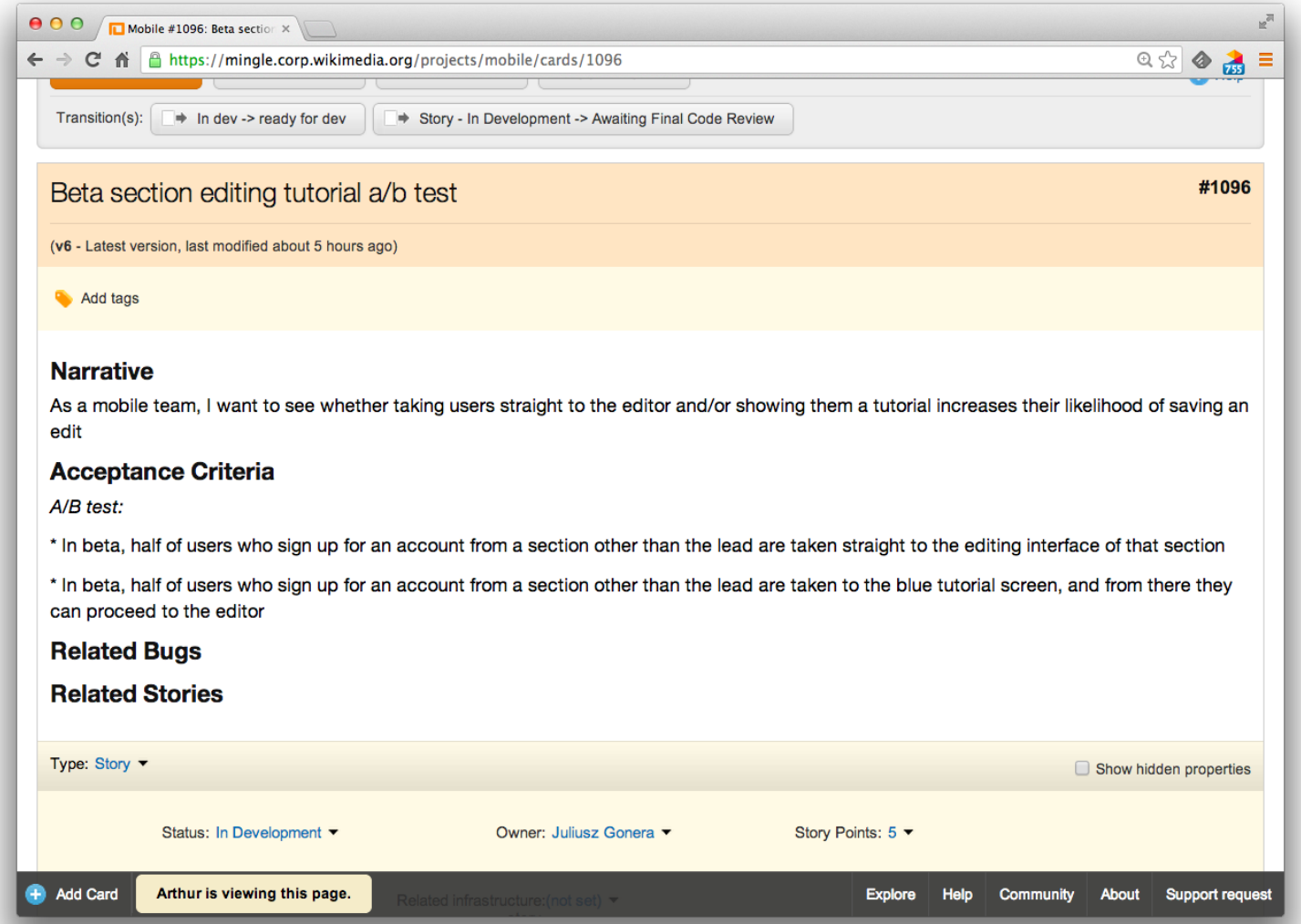
Estimation practice

exercise

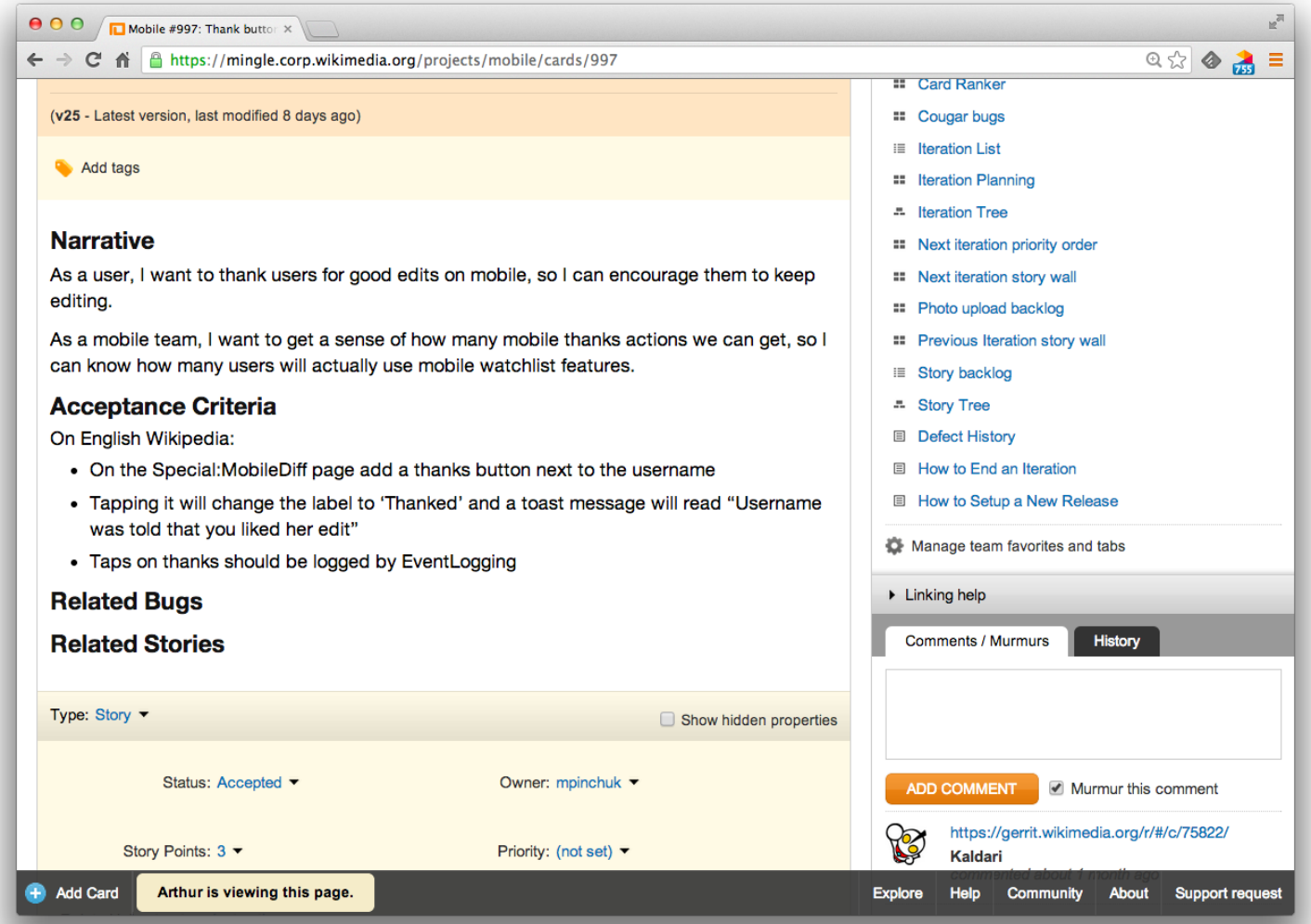
Acceptance Criteria

Testable & Binary

Acceptance Criteria



Acceptance Criteria



Fills in detail missing in user stories

exercise

Acceptance criteria

exercise

Retrospective

- What worked well?
- What didn’t?
- What still puzzles you?