

Agile State of Mind

Andy Gherna, Technology Services

Ester Cha, Technology Services

**BREAKING
BARRIERS**
SPRING 2019



What is "Agile"?



What is Scrum?



Work is Transparent

Pool of Ideas	Feature Preparation		Feature Selected	User Story Identified	User Story Preparation		User Story Development		Feature Acceptance		Deployment	Delivered
	In Progress	Ready			In Progress	Ready	In Progress	Ready (Done)	In Progress	Ready		
Epic 431	3 - 10		2 - 5	30	15		15		8		5	Epic 294
Epic 478	Epic 444	Epic 662	Epic 602			Story 602-02	Story 602-06	Story 602-05	Epic 401	Epic 609	Epic 694	Epic 386
Epic 562						Story 602-03	Story 602-04	Story 602-01	Epic 468	Epic 577	Epic 276	Epic 419
Epic 439	Epic 589		Epic 302	Story 302-03	Story 302-01	Story 302-07	Story 302-09	Story 302-05	Story 302-04	Epic 362	Epic 339	Epic 388
Epic 329			Epic 335	Story 302-02	Story 302-06	Story 302-08					Epic 521	Epic 287
Epic 287	Epic 651		Epic 512	Story 335-09	Story 335-10	Story 335-04	Story 335-05	Story 335-06			Epic 582	Epic 274
Epic 606	Discarded			Story 335-08	Story 335-01	Story 335-03	Story 335-02	Story 335-07				
	Epic 511	Epic 213		Story 512-04	Story 512-07	Story 512-02	Story 512-01					
	Epic 221			Story 512-05	Story 512-06	Story 512-08						

Policy
Business case showing value, cost of delay, size estimate and design outline.

Policy
Selection at Replenishment meeting chaired by Product Director.

Policy
Small, well-understood, testable, agreed with PD & Team

Policy
As per "Definition of Done" (see...)

Policy
Risk assessed per Continuous Deployment policy (see...)

Why we Started Scrum

- Several Goals:
 - Improve team to stakeholder communication and feedback
 - Reduce organizational friction
 - Increase reliability

Siloed Communication



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Process Bottlenecks



How we Started Scrum

- Stumbled out the gate
- We found someone to be our dedicated scrum master!

Initial Roles

- Scrum Master
- Product Owner
- Development Team

Early Results

- We got organized
- Gamified the process; learned how to “keep score”
- Improvements needed

Roles Revamped

- Scrum Master
- Product Owner
- Development Team

Lesson #1: Focus on Communication

- Daily stand-ups
- Collaborative working sessions
- Customer feedback loop
- Accessibility of product owner to development team

Lesson #2: Don't Marry the Framework

The screenshot displays a Jira Product Backlog board for the 'IAMU Product Backlog' project. The board is organized into columns representing different stages of the workflow: Backlog, Ready for work, Doing, QA, Blocked, and Done. Each column contains task cards with titles, descriptions, and metadata such as project IDs and labels.

- Backlog:** Contains several cards, including 'SDI Call Center' (LDIF generation for mail relays work order), 'Non-project direct: PR000032...' (Updated SQL for all EDW queries), 'PROJ-0242: Directory Editor' (As a hero, I want to be able to activate/deactivate an entry), and others.
- Ready for work:** Contains cards like 'Investigate' (PROJ-0242: Directory Editor - Create a proof of concept for managing hero authZ) and 'Documentation' (Document a business logic page that lists the full set of skeleton attributes).
- Doing:** Features a card for 'PROJ-0242: Directory Editor' with the description: 'As a staff/faculty member, I want to edit my display name (alias name parts) using the Directory Editor'.
- QA:** Currently empty, with a '+ Add a card' button.
- Blocked:** Contains cards such as 'DONE except for package' (Issue in directoryEditorAL - entry does not get updated) and 'Work order' (Class Rosters single user repair).
- Done:** Shows completed tasks like 'Documentation' (PROJ-0242: Directory Editor - Documentation and packaging for getMemberOfAL) and 'PROJ-0242: Directory Editor' (As a member of scrum-team-d, I want a development environment that is fully modernized and reachable via ssh).

The interface includes a top navigation bar with project details, team visibility, and user avatars. A 'Watching' indicator is visible in the top right corner.



Key Lesson #3: Teamwork



The Gains

- Agility
- Increased productivity
- New releases every sprint
- Customer satisfaction and involvement

Where We're Headed

- Continuous deployment
- Integrated user feedback
- <https://youtu.be/2NFH3VC6LNs?t=46>

Questions?

Andy Gherna – agherna@illinois.edu
Ester Cha – estercha@illinois.edu