

Agile Research Studios: Orchestrating Communities of Practice to Advance Research Training

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Challenge:

How might socio-technical systems train large numbers of students to **conduct authentic research** and **produce research outcomes** without increasing the orchestration burden on research mentors?

Goal:

- 1) Support students learning **self-directed research planning, monitoring, reflection, and replanning** so they can lead their own projects
- 2) Support students adopting effective **collaboration & help-seeking skills** so they can support each other to learn and make progress

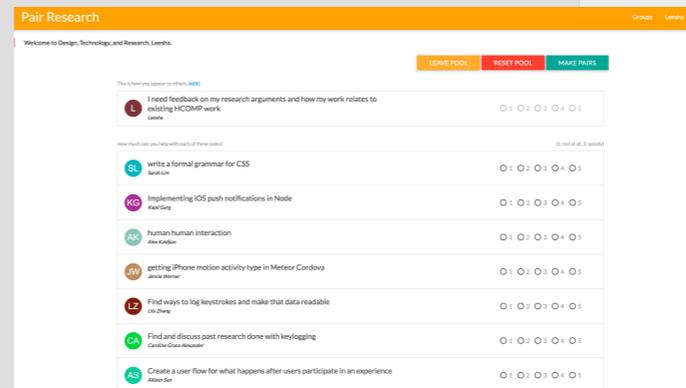
Agile Research Studios (ARS) Model:

Virtual Studio Tools:

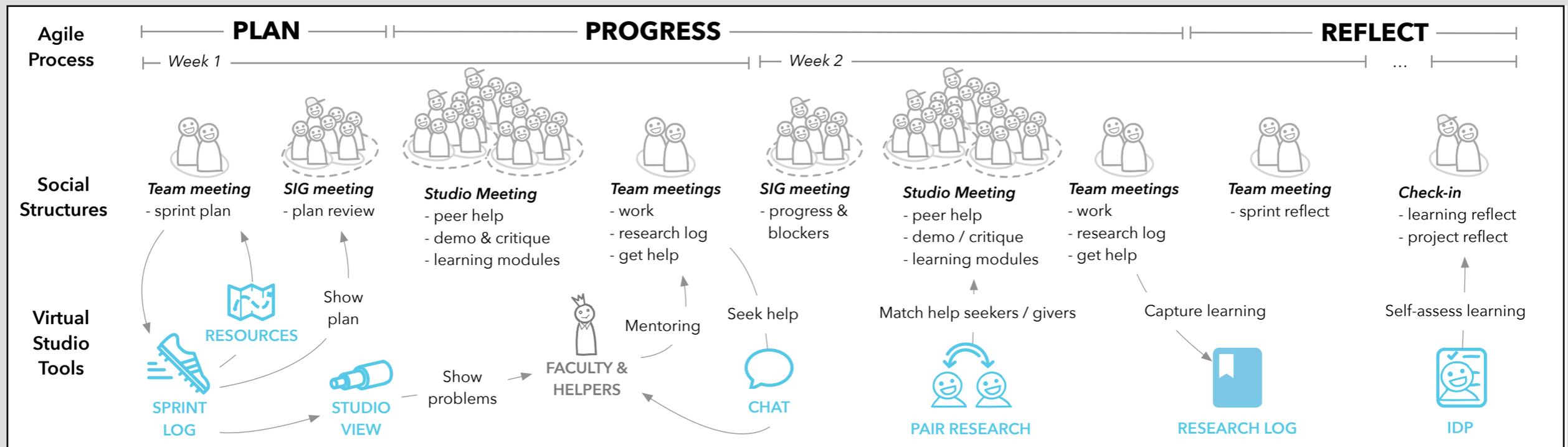
Sprint Logs to support research planning

Team	Points Available	Points Committed	D	T	R	Hours Spent	D	T	R	Progress
Leesha	35	35	12	8	15	19.75	5	7	8	56%
Christina	16	19	1	17	2	6	1	6	0	32%
Total	51	54	13	25	17	25.75	5.75	13	8	48%

Stories	Tasks for Story	Points Required	D	T	R	Assigned To	Status	Hours Spent	Helpful Links
Have a functional tracking prototype that can track a runner's location and prepare data to be sent to a cheerer	start entering tasks for this story on the next line	17	mark	mark	mark	enter your name below to pick up tasks	mark as: in progress, backlogged, or done		
	pseudocode tracking protocol & structs	1		x		Leesha	done		pseudocode.doc
	read Swift guide for protocols/syntax	2		x		Leesha	done	2	swift.protocol.docx
	go through Ray Wenderlich tutorial on PSP	2		x		Leesha	backlogged		protocol.oriented.programming
	implement tracking protocol & structs	3		x		Leesha	in progress	5	
	implement tracking protocol & structs	5		x		Christina			
	Test tracking for cheerer	0.5		x		Christina			
	test tracking for runner	0.5		x		Christina			



Pair Research to support collaboration & help-seeking



Start Your Own Studio:

Visit agileresearch.io for details on how to get started.



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