

(Re)Iterate

E1

Abhay Buch

Gordon Liu

Stephanie Butler

Jennifer Tran

Nathan Hahn



(Re)Thinking Experimentation

- *Iteration is the core of students' work, but keeping track of iteration is not as easy as it should be. We are going to make the process better.*
- Tracks students' experimentation process, allowing them to focus on more creative pursuits.
- Clearer documentation of the iterative process helps students and evaluators.



(Re)Defining Key Issues

- *Students view experimentation and iteration as key to success.*
- Interruptions to work flow make it hard to start working again.
- The current iteration critique cycle is too slow.
- There is not enough incremental feedback for students to feel confident in their process.

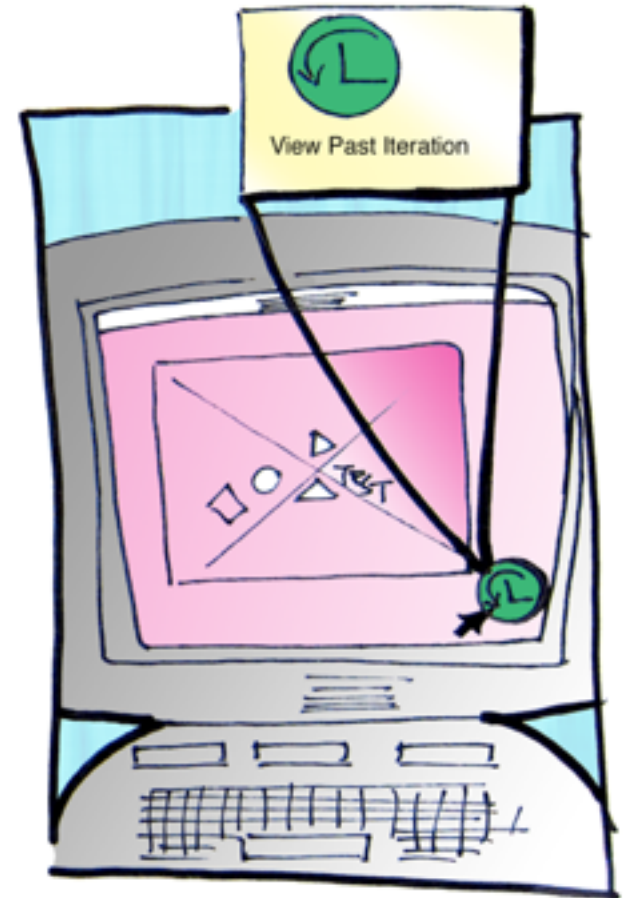


(Re)Vision

- *(Re)Iterate will track substantive changes that students make during their iterative process, such that they can review and combine versions in novel ways.*
- (Re)Iterate will automatically track changes and progress made by students.
- (Re)Iterate allows you to export your *Action History* for viewing by others.
- (Re)Iterate can be used across disciplines.



(Re)iterate Helping the Student



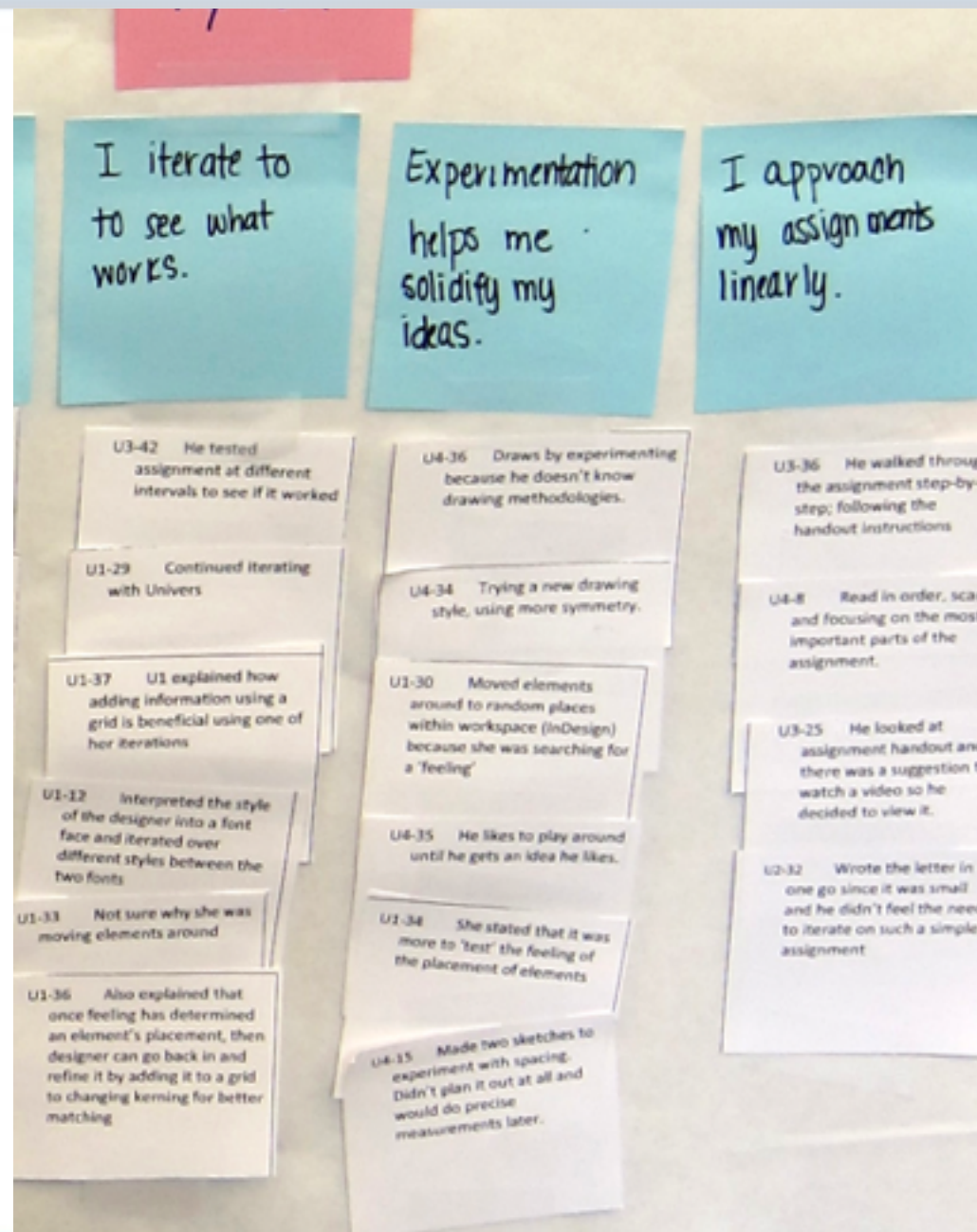
(Re)Inventing Iteration



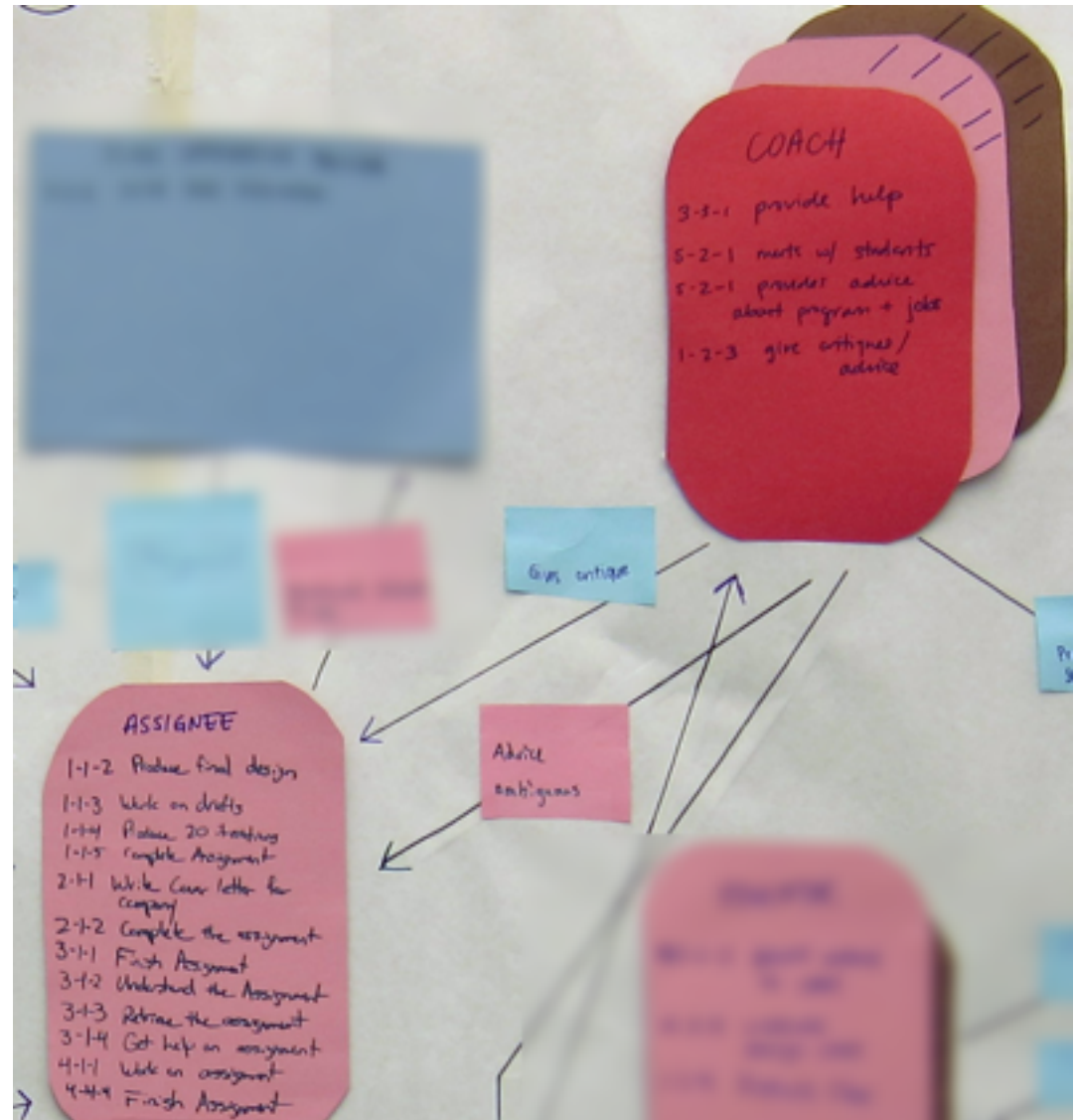
- Iteration accounts for a large portion of the sequence.
- The process affords many opportunities for branching and breakdowns.



- User 1: “She stated that it was more to ‘test’ the feeling of the placement of elements.”
- User 3: “He tested the assignment at different intervals to see if it worked.”
- User 4: “He likes to play around until he gets an idea he likes.”



- Students rely on feedback on their early iterations from evaluators.

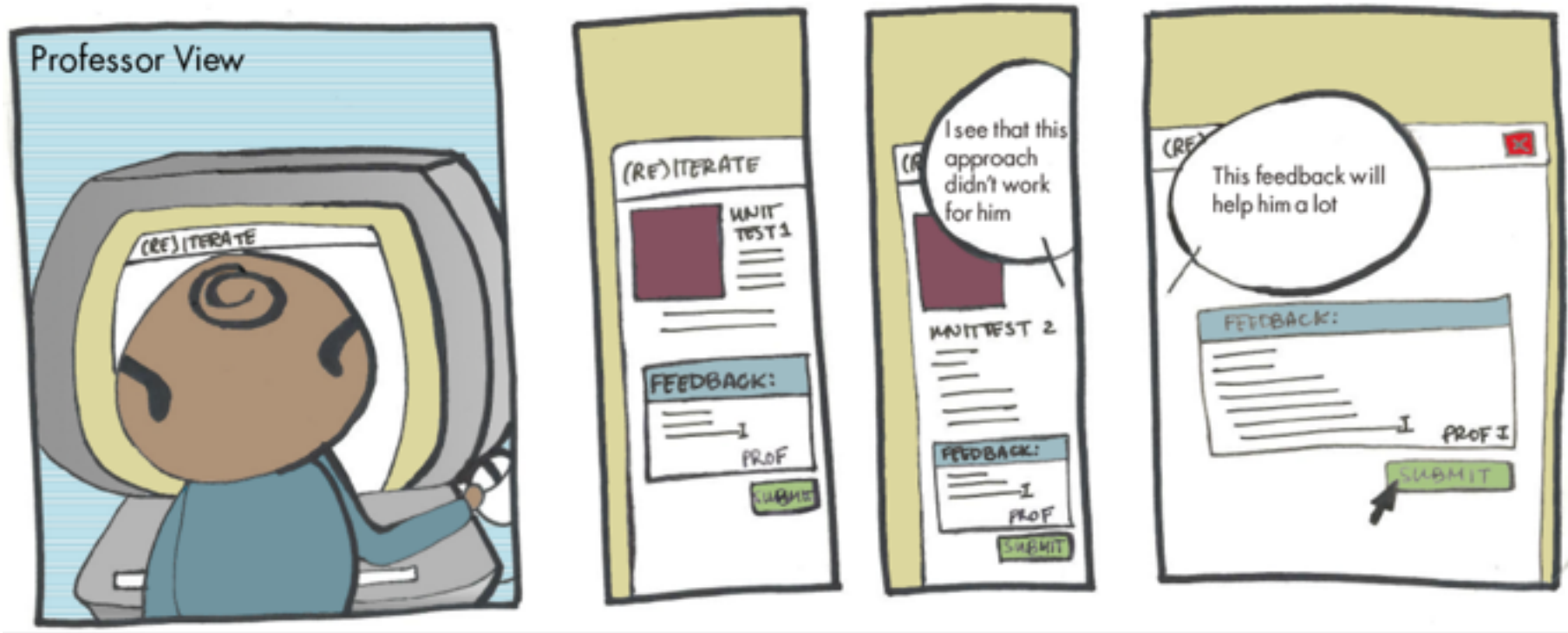


(Re)Acting to Key Issues

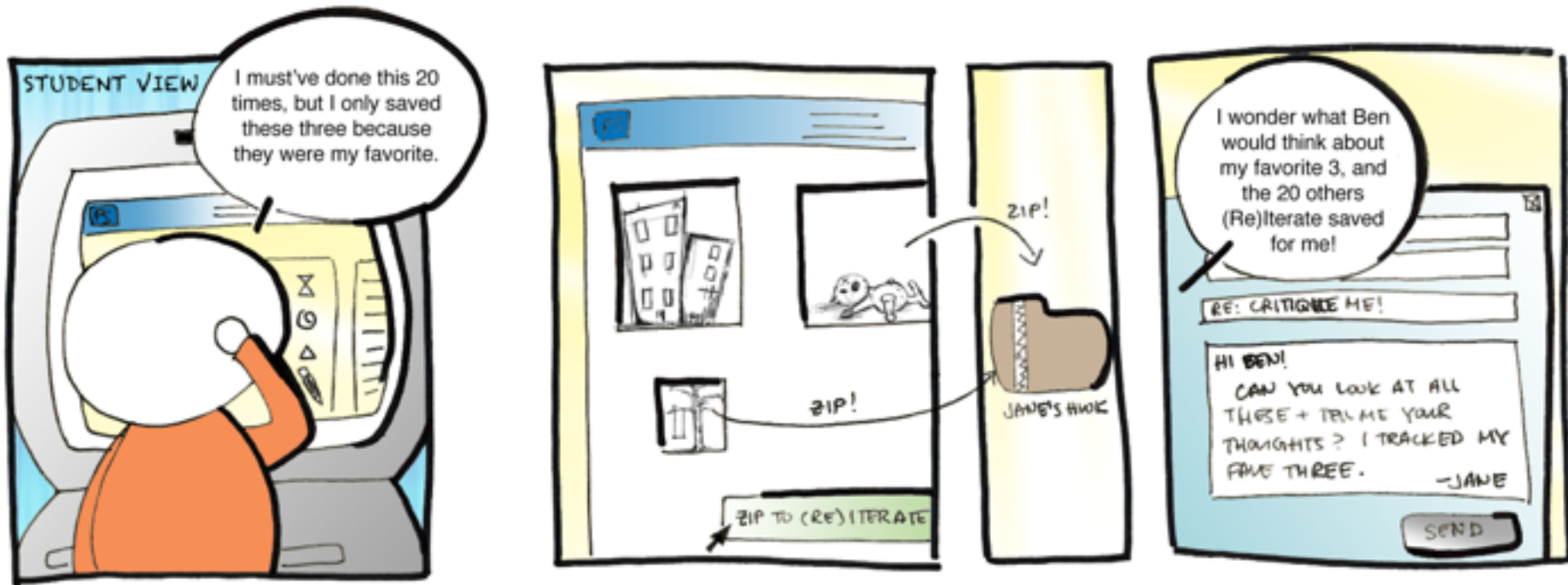
- Tracking Iteration
- Getting Peer Critique
- Evaluators Getting a Full View of Student's Iterative Process



(Re)iterate Helping *Professors* Help Students



(Re)iterate Helping *Students* Help Students



(Re)Assessing Feasibility

- + Allows user to see iteration process
- + Encourages experimentation
- + Cross-disciplinary application
- + Can build off existing version control systems
- *Action History* maybe overwhelming
- ‘Miss the forest for the trees’
- Requires integration with existing software



(Re)Cap



Appendix



- Students value the feedback they get from professors and TAs.

