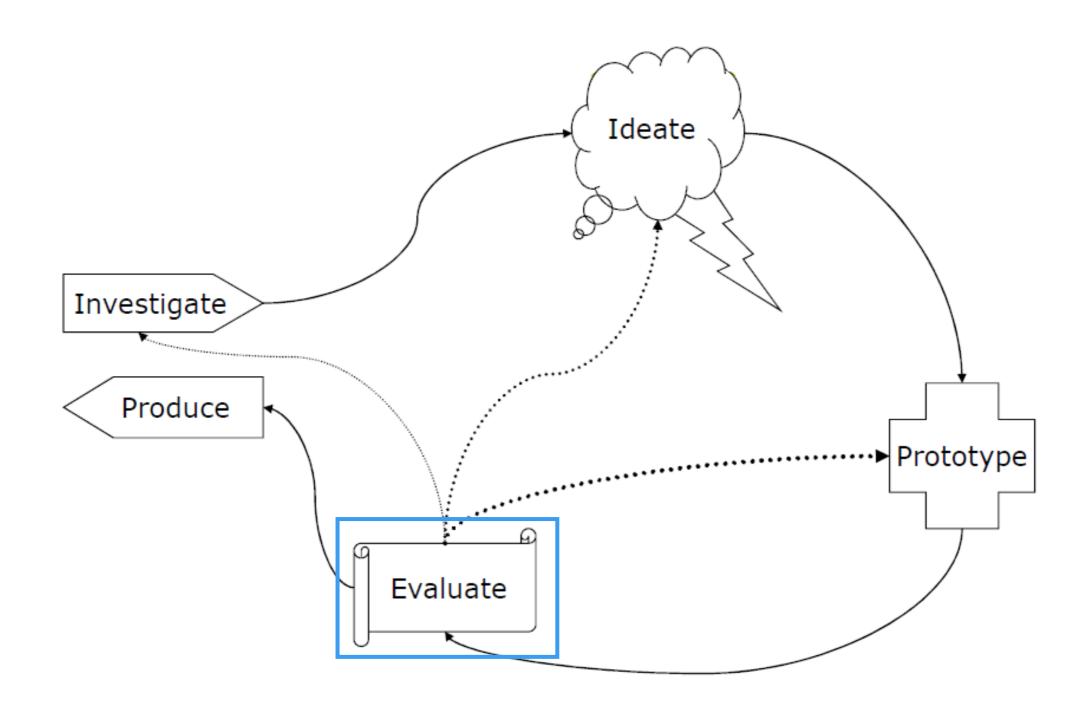
# Human-Computer Interaction

CPSC 481 - Spring 2019

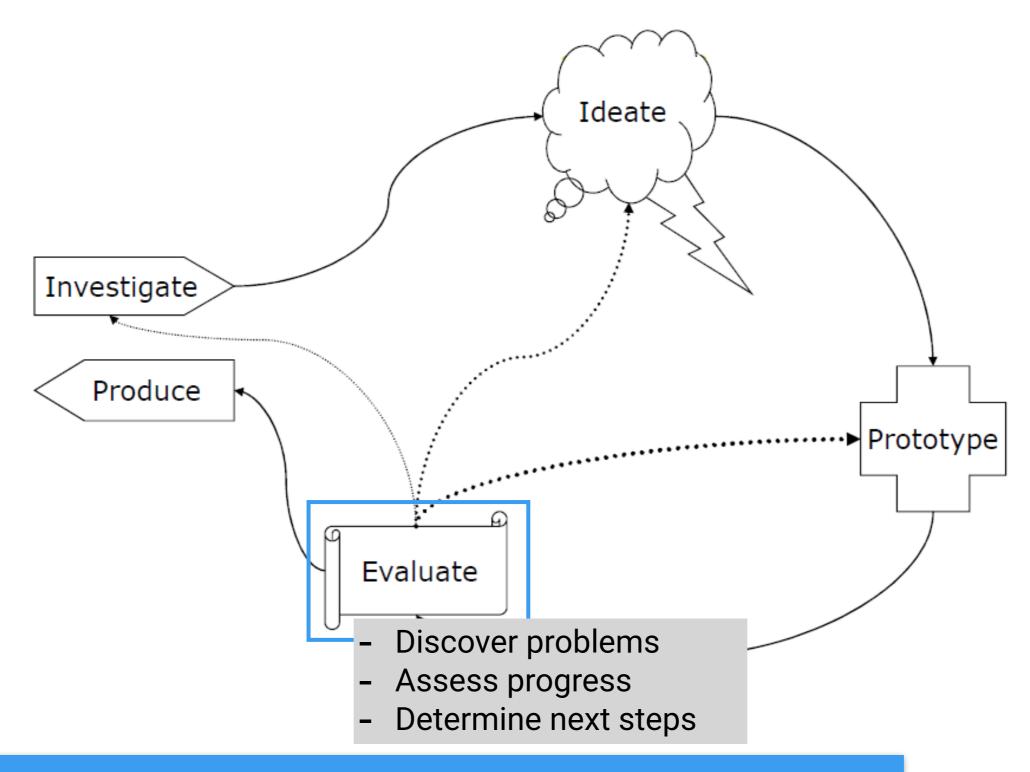
**Usability Evaluation** 

With acknowledgements to Tony Tang

### Evaluate



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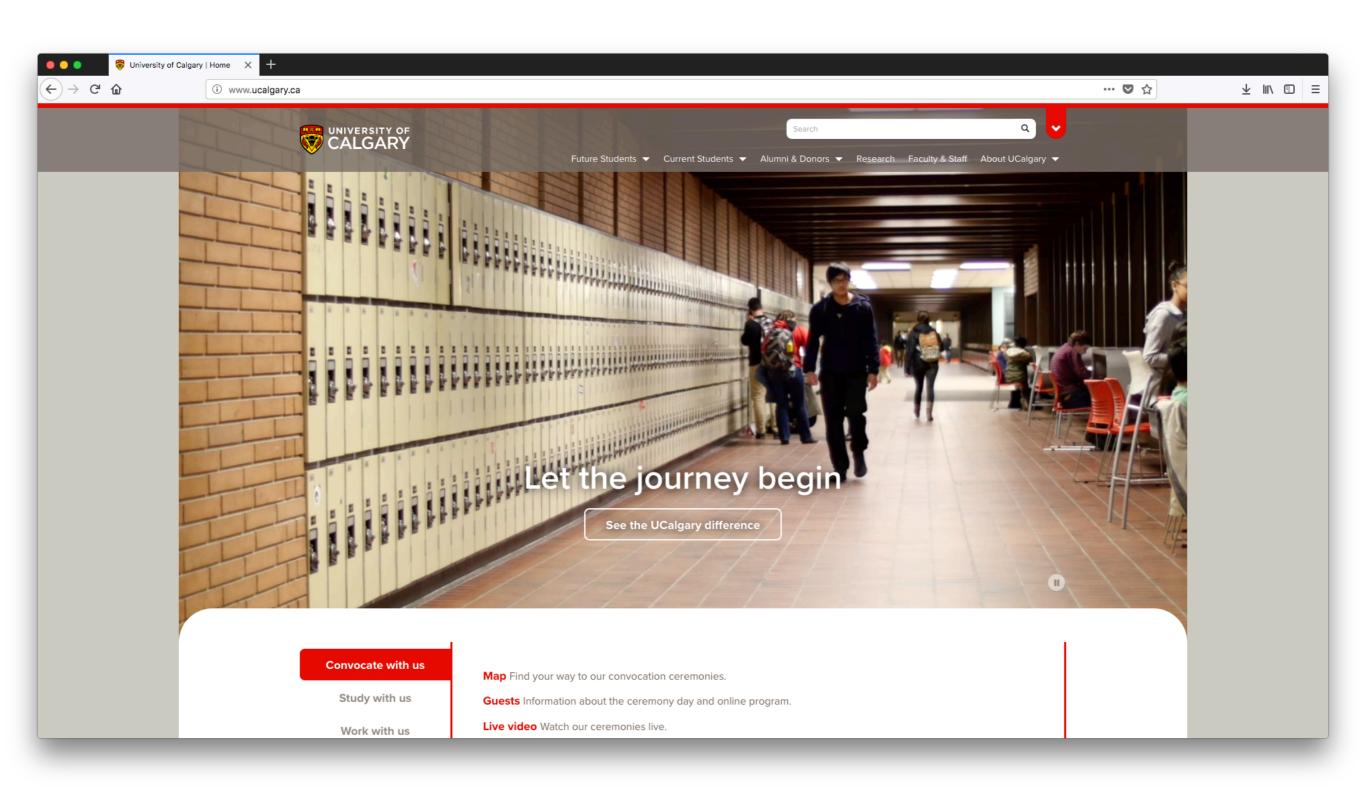
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- Evaluation gives you a way to move forward
  - What needs to be fixed, added, removed?
- Answers to two questions:
  - Did we build the right thing?
  - Did we build the thing right?



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Standard compliance	Does the interface follow the company's (university, platform) visual identity?
Interface and interaction problems	Can the user use the system? What part of the interface or interactive flow makes him unsatisfied?

Time

- Time
- Cost

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- Required number of specialists

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"Inspection Evaluations"

Usability Test

Field Deployment

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  - Heuristic Evaluation
  - Guideline Review
  - Idea: a principled "by myself" walkthrough of an interface
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  - Formal method of evaluation that asks (potential) users to complete tasks
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- Task Centered System Evaluation
- Heuristic Evaluation
- Guideline Review
- Idea: a principled "by myself" walkthrough of an interface

#### Usability Test

 Formal method of evaluation that asks (potential) users to complete tasks

#### Field Deployment

 Give a prototype to users in the field, and watch their usage/ask for feedback

## Within an organizational context

Reviews with stakeholders

Test with users

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- General flow, look/layout/feel
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#### Test with users

- See whether it actually works with real people
- Looking for the problems that people encounter
- In organizations with poor design culture: part of "quality assurance" (aka "testing")