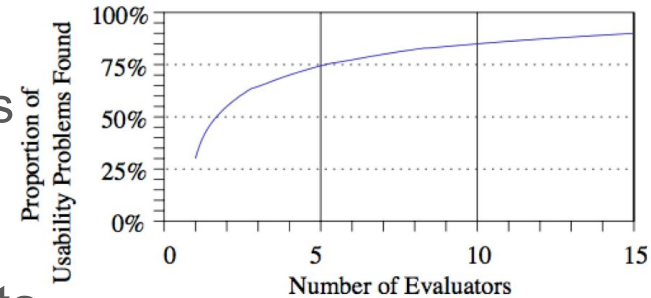
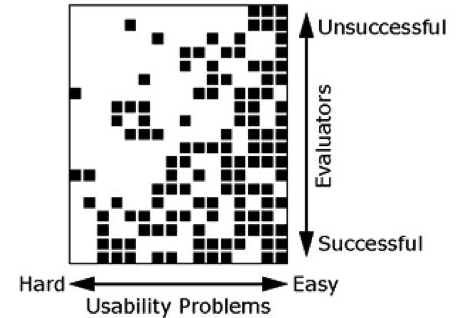


COSC 499: Capstone Software Engineering Project

Dr. Bowen Hui
Computer Science
University of British Columbia Okanagan

Testing Your Prototype

- Video demos can be made to look good
- Need a way to get honest feedback
 - **Heuristic evaluation** (from COSC 341)
 - Identify usability problems
 - 5 evaluators gets you ~75% of the problems
 - Get feedback from peers
- Want you to get exposure to other projects
 - Try out each other's projects



A Simplified Heuristic Evaluation Approach [Total: 15 min]

- Review the procedure:
<https://cmps-people.ok.ubc.ca/bowenhui/341/2020/lectures/8-3howTo.html>
- **[1 min:]** Have a 2-3 sentence intro of your system
 - Everyone knows the general projects
 - Highlight what's unique about your prototype
- **[9-14 min:]** Develop 5-10 **meaningful tasks** per user group
 - E.g., general user vs system admin are two different user groups
 - E.g., Record a video of yourself and edit it to remove "um"s
 - E.g., Record a video of yourself to show the rash on your arm and upload that video
 - Do not give them instructions on where to click in the UI
- **[0-5 min:]** Develop questionnaire to ask all participants
 - Google forms is an easy platform to use
 - Results are for you only - ask what you need, skip if you want to focus on the tasks

Reporting

- Minimize reporting in this class
- Take notes during each session
 - Log participant reactions: browsing, looking confused, can't find where to click
 - Log participant questions: "What the.."
- All bugs found need to be logged as **issues** in your repo
 - Categorize them in terms of **priority**
 - Show the TAs your session notes and issues reported
 - Discuss what to fix for this milestone
(and prep/changes for next Peer Testing session)

Day of Peer Testing

- Class is 80 min total
- Each session will be 20 min max:
 - Each team: Have 2 to 3 machines setup and ready to go
 - 15 min: Heuristic eval
 - 5 min: Switch to next session
- Repeat 4 times
- We will provide session timers and list of people at each station

Biweekly Checkin (Modified)

- The schedule of "who does what" will be available at the beginning of class
- Expectations:
 - Everyone is expected to run an evaluation session
 - Everyone is expected to participate in another team's evaluation session
 - Please double check your schedule
- https://docs.google.com/spreadsheets/d/1sUuITchjoWqvZlApi0JrvGoeslmYI-F-0ELXO_OLSsw/edit?usp=sharing
- Your checkin score that week will be based on the above
 - Repo checks and peer evals will remain unchanged

Next Steps



- Get your prototype ready
- Plan out 5-10 tasks to use in the heuristic evaluation

- Next week:
 - Review with your TA/instructor:
 - The heuristic evaluation intro (written sentences)
 - All the heuristic evaluation tasks (point-form)
 - A working prototype