

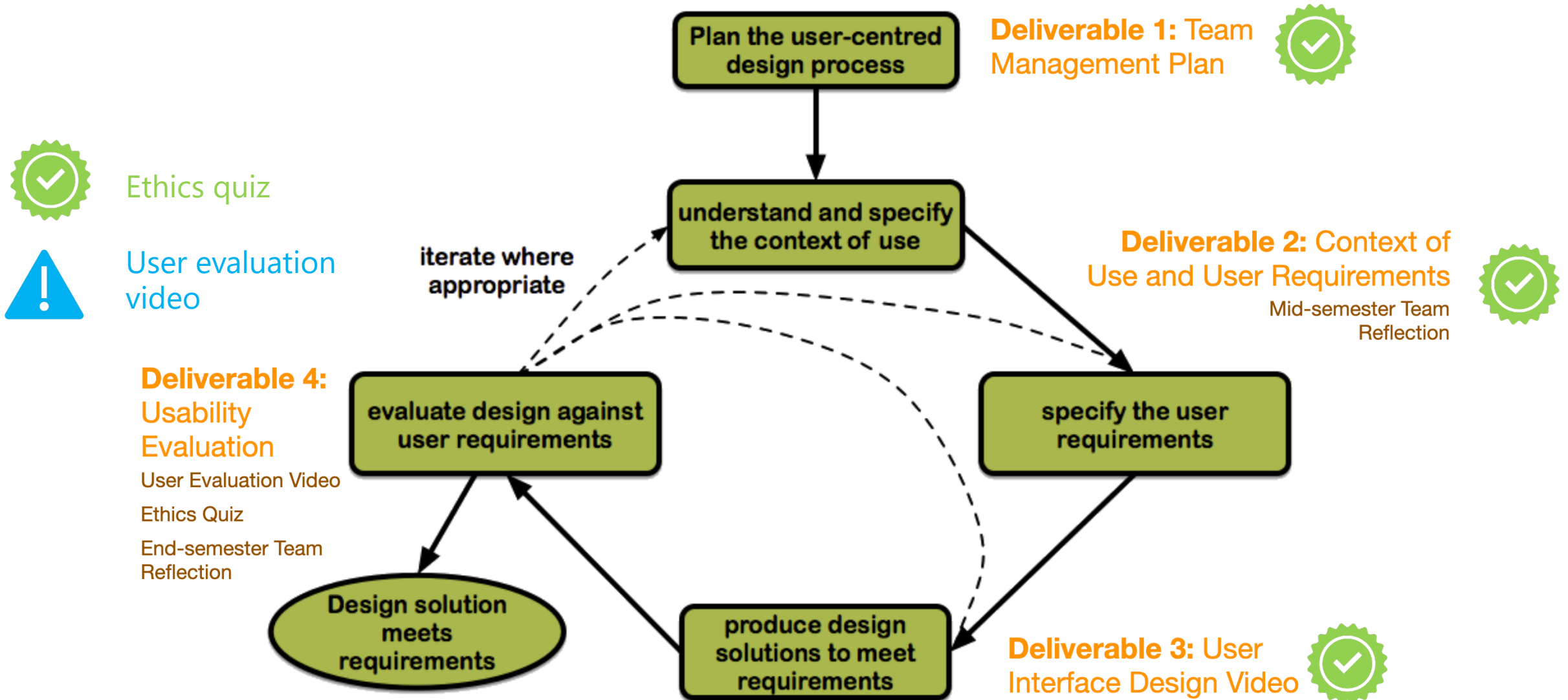
# User-Centred Design

# Tutorial 10: User evaluation and method write up

# Agenda

- Questions since last week
- Team stand-ups
- Conduct your user evaluation (in your own time)
- User evaluation report - method

# UCD Process



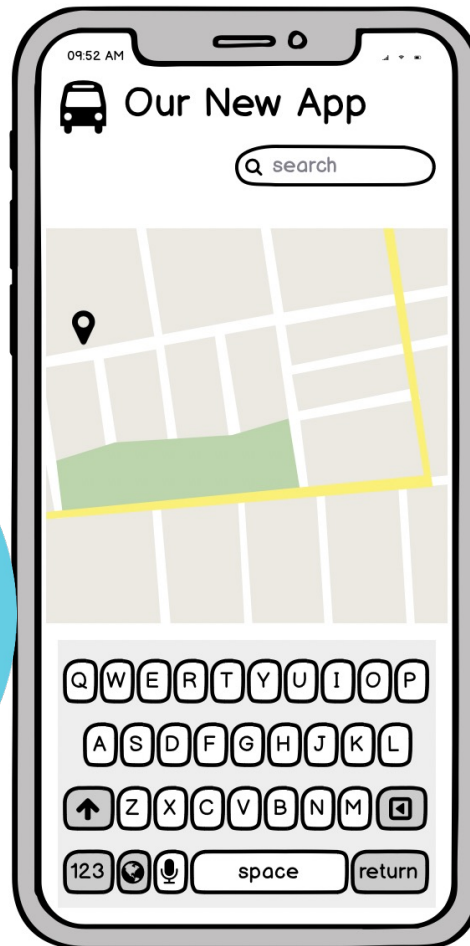
# User Evaluation

Identify usability issues by observing users trying to use the software

AGH, how to I do this?



Representative user



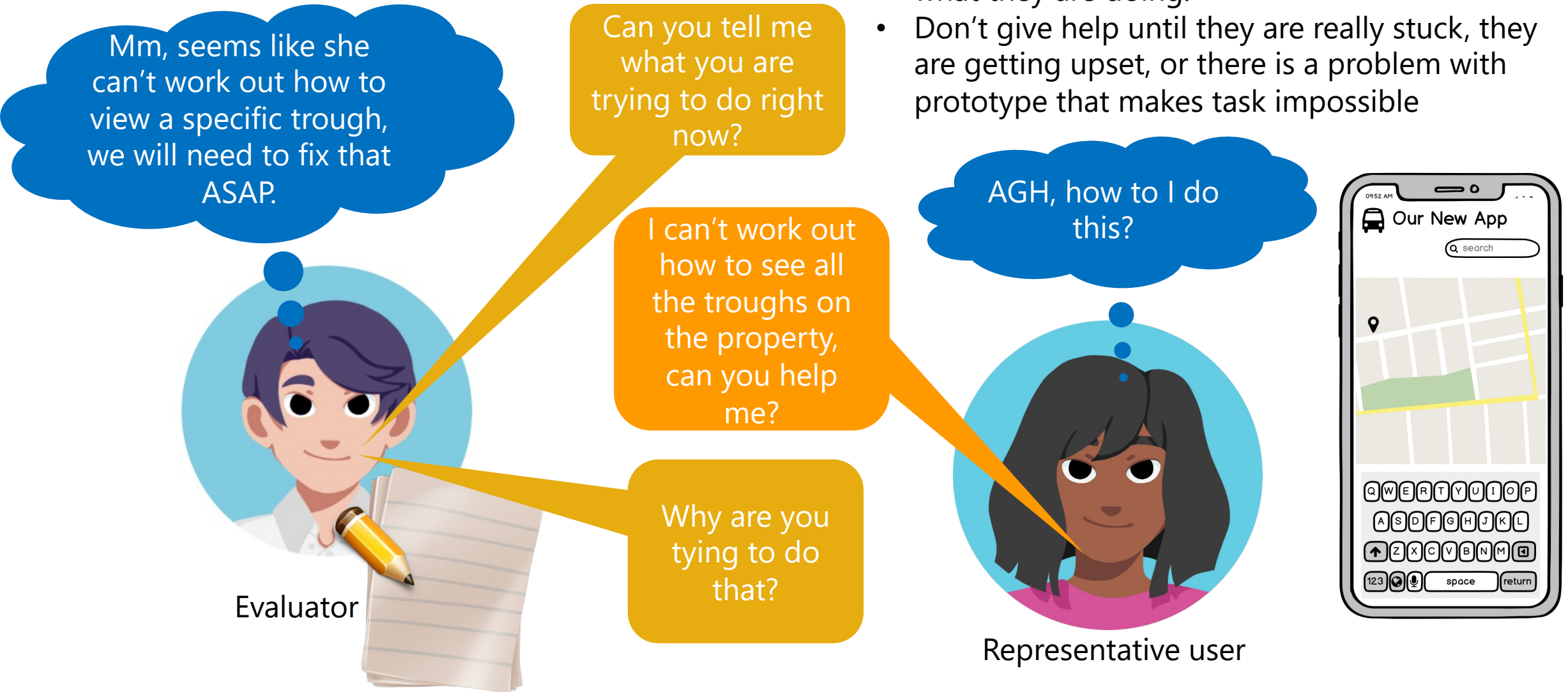
Mm, seems like she can't work out how to view a specific trough, we will need to fix that ASAP



Evaluator

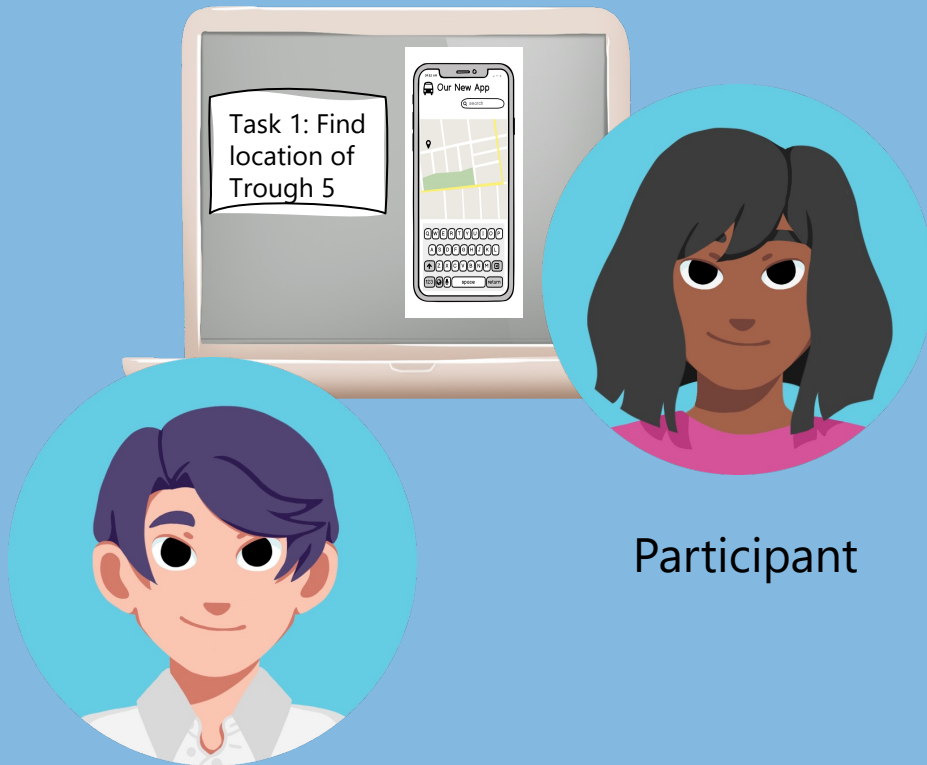
# User Evaluation: moderation

- Try to get the participant to think aloud about what they are doing.
- Don't give help until they are really stuck, they are getting upset, or there is a problem with prototype that makes task impossible



# User Evaluation

## Face-to-face evaluation

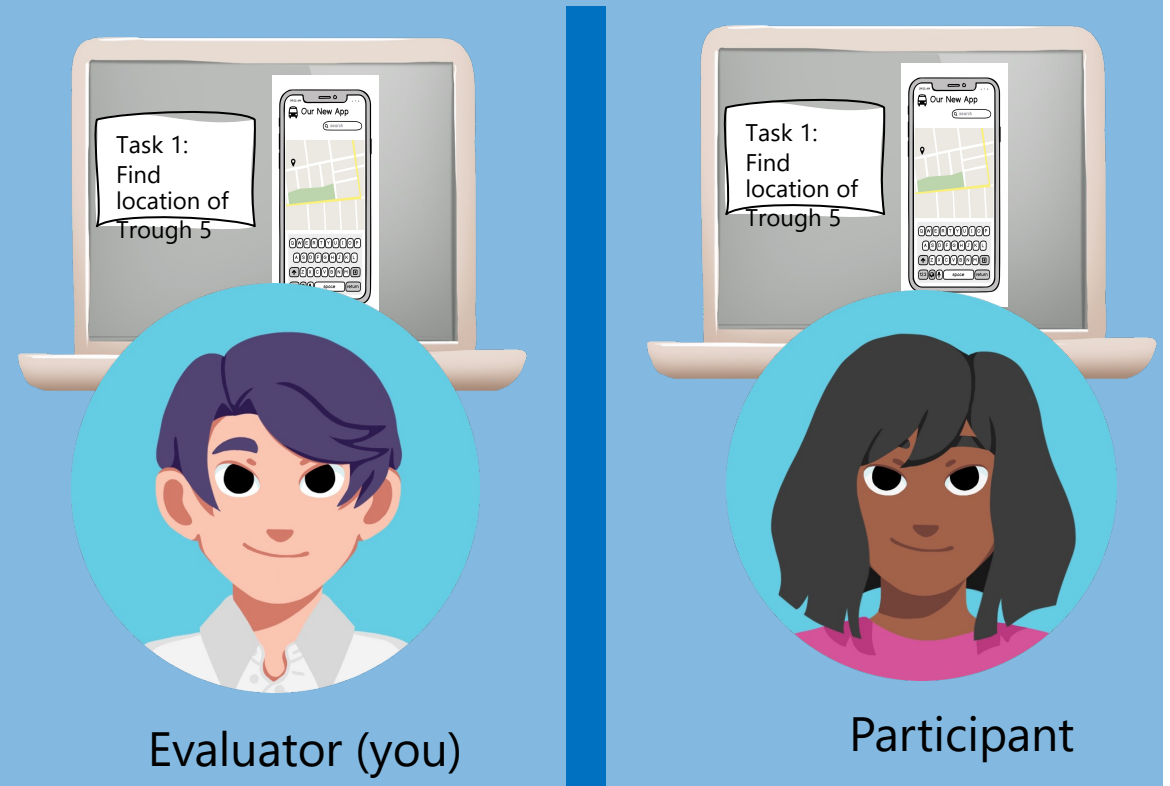


Evaluator (you)

Participant

Conduct evaluation in **same** location (as permitted by your local COVID guidelines)

## Remote evaluation

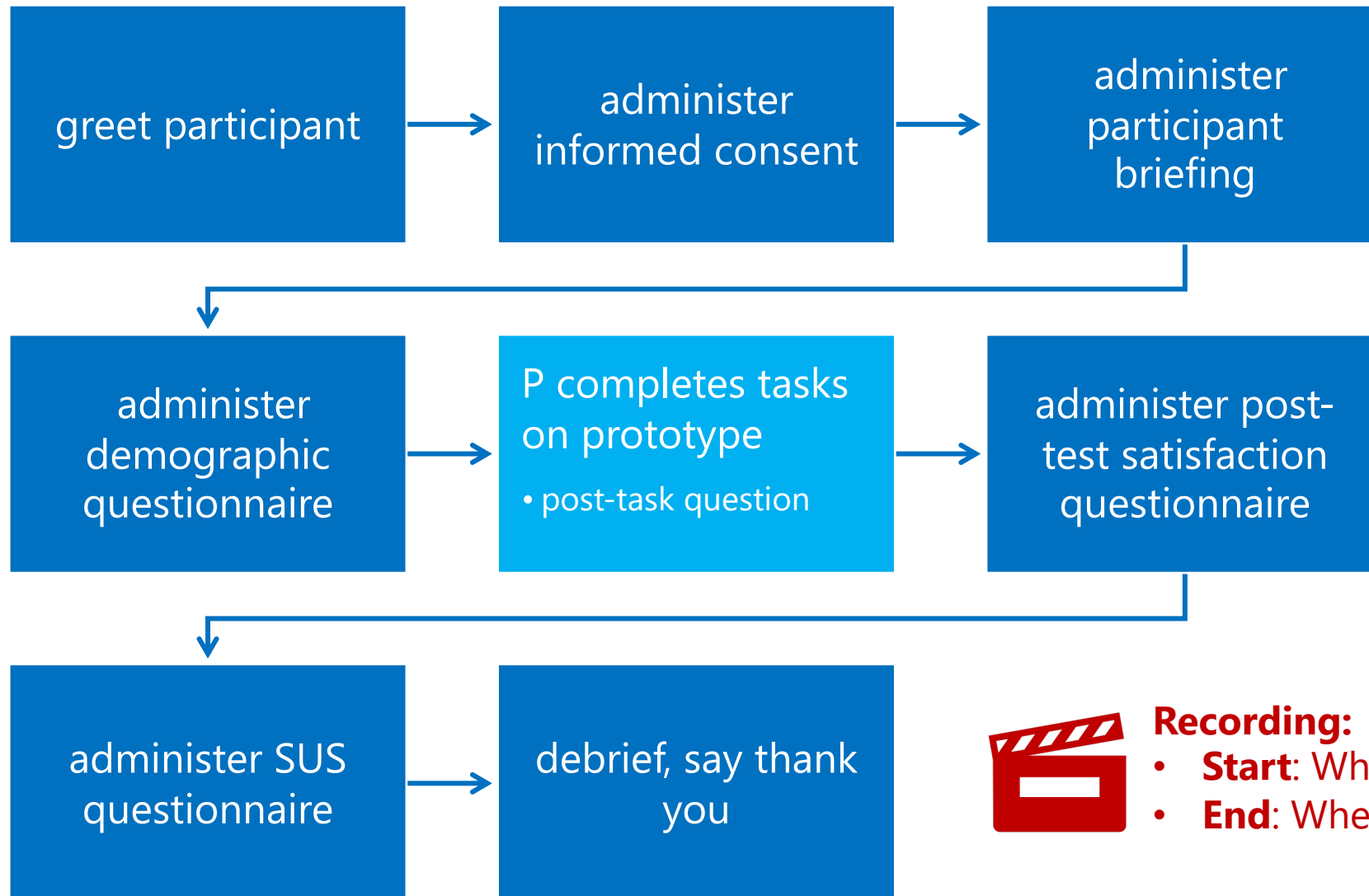


Evaluator (you)

Participant

Conduct evaluation in **different** location (i.e., via video conferencing software).

# User Evaluation: Procedure

**Recording:**

- **Start:** When user starts first task
- **End:** When user finishes last task

# UCD 4: User Evaluation Report

Background (as per previous reports)

Usability Requirements (see Week 9 Class)

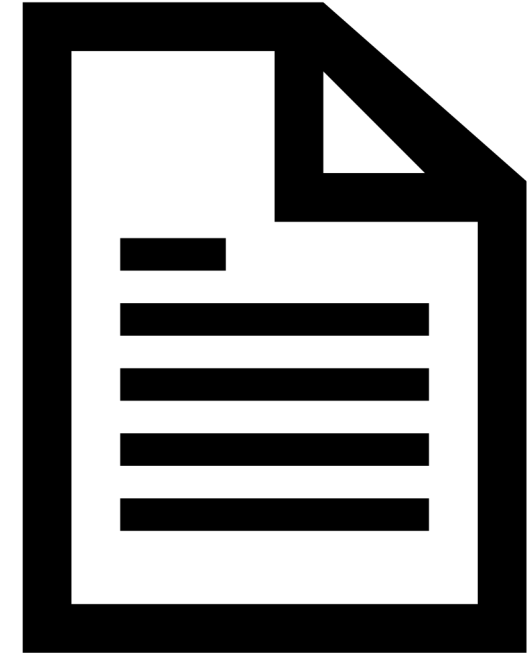
Usability Evaluation Method

- Participants
- Materials
- Procedure

Results

Problem identification

Limitations



# Participants

Table 2: Participant characteristics...

P	Some characteristic 1	Some characteristic 2	Some characteristic 3...
P1			
P2			
P3			
P4			

You will need use your Demographic Questionnaire data to create a table.

Data must demonstrate whether users members of user group or not.

. . . . .  
. . . . .



# Materials

Briefly summarise and include exported MS Forms files


- Explanatory statement, Informed Consent and briefing
- Demographic Questionnaire
- Satisfaction Questionnaires
- Task list

Also upload:

- Data file (.xlsx)
- Prototype pdf


Do not use zip files  
Upload each file  
individually

## Submitted files



26%	UCD Project Deliverable 4 - Usability Evaluation.pdf	↓
90%	Tasks.pdf	↓
97%	UCD Evaluation Explanatory Statement.pdf	↓
94%	Usability Evaluation Participant Briefing.pdf	↓
95%	Post-Study Questionnaire 2.pdf	↓
92%	Post Study-Questionnaire 1.pdf	↓
75%	Demographic Questionnaire.pdf	↓
17%	UCD Evaluation results.xlsx	↓
23%	Energy Balance Prototype.pdf	↓

Submitted files: (click to load)



17%	UCD Project Deliverable 4 - Usability Evaluation.pdf	↓
!	APPENDICES.zip	↓

Resubmit to Turnitin

# Procedure

Describe fidelity of prototype and conditions under which participant tested.

P	Participant sourced by?	Remote/face to face?	Brief description of procedure
P1			
P2			
P3			
P4			



Students who do not conduct evaluation/contribute data to report will not receive marks for UCD 4.

.....  
.....

# Before next week



Draft UCD 4: User Evaluation (due Week 12)



Every team member has conducted a usability evaluation

Note: Participant does NOT have to be a member of user group for the purpose of this assessment



Submit Video of evaluations (individual)

Must be submitted for student to get marks for UCD 4



Write up method part of report



Start looking at how you will analyse your data

Start constructing data tables



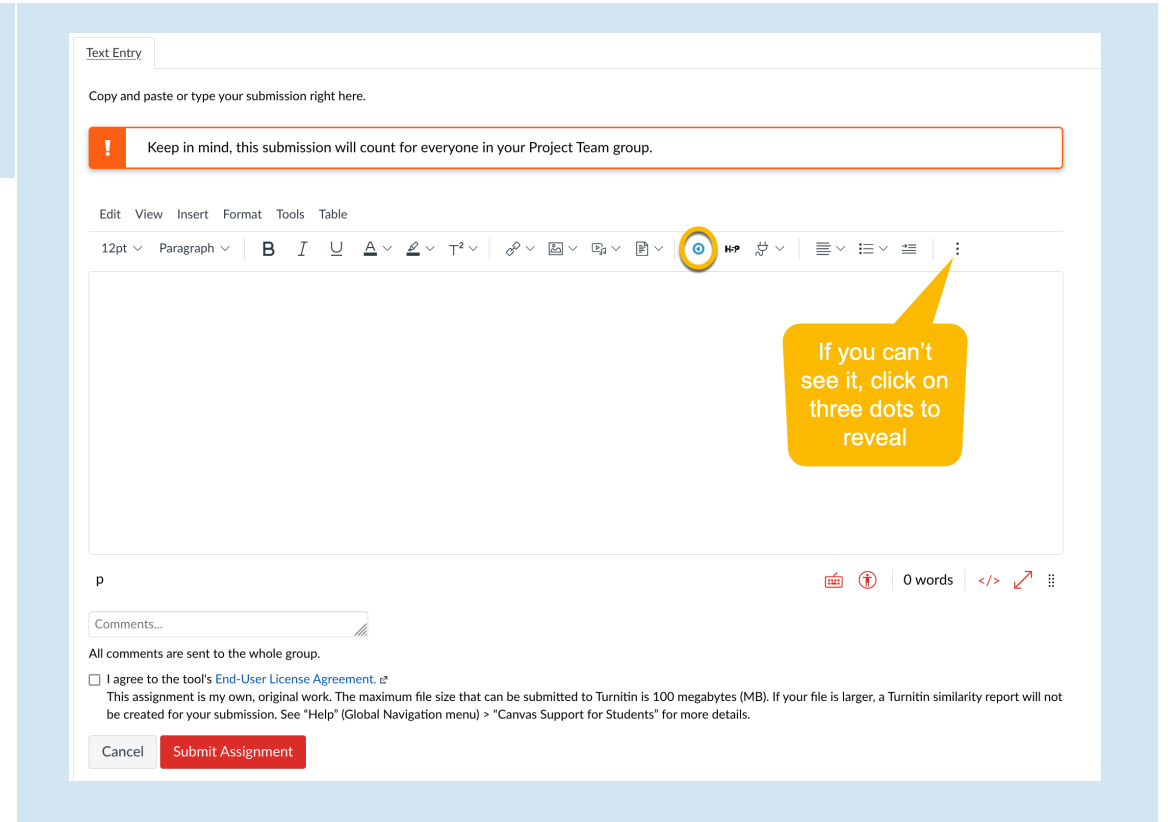
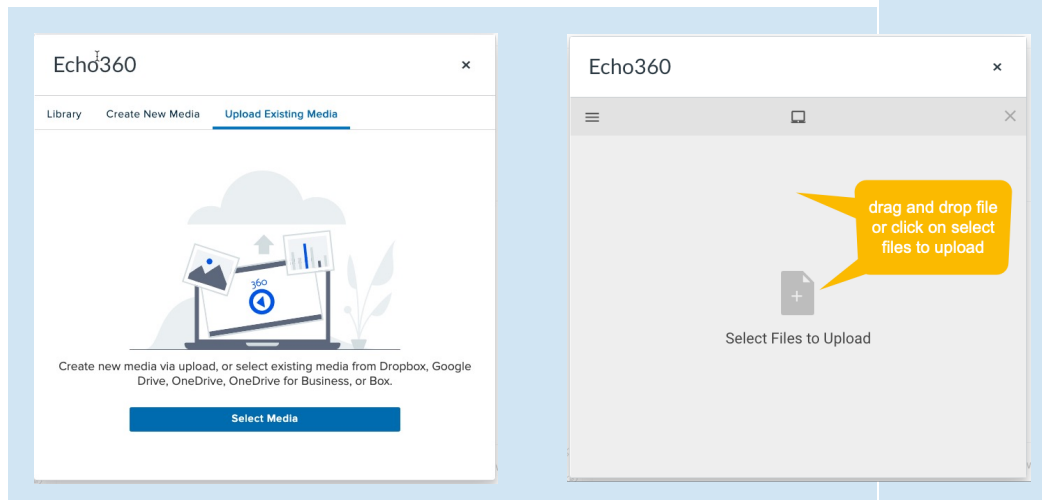
# UCD 4: Usability Evaluation Video (individual)

## Submission Instructions

1 Click on Echo360 icon in tool bar



2 Chose 'Upload Existing Media'



**NOTE:** It may take some time for video to upload and become available for viewing