Lecture 10 – Case Studies Activity

For each example prototype presented during lecture, please answer the questions below.

Prototype 1

1. Why prototype - What do you think were the goals of the prototype?

2. Dimensions of fidelity – Consider the dimensions of fidelity discussed in class as they apply to the prototype.
   (a) How realistic did the prototype and video need to be? How important was appearance?
   (b) Is the scope horizontal or vertical?
   (c) How functional is it? what had to work vs. what could be faked?
   (d) Was the data real or faked?
   (e) Could it be used alone? or was use supervised?
   (f) Was the platform final or interim?

3. Tool choice – List a strength and weakness of the tool(s) chosen for the prototype.

4. Overall – Was the choice of tool(s) for the prototype appropriate for the authors’ goals? What might you have done differently?
Prototype 2

1. **Why prototype** - What do you think were the goals of the prototype?

2. **Dimensions of fidelity** – Consider the dimensions of fidelity discussed in class as they apply to the prototype.
   
   (a) How **realistic** did the prototype and video need to be? How important was **appearance**?

   (b) Is the scope **horizontal** or **vertical**?

   (c) How **functional** is it? what had to work vs. what could be faked?

   (d) Was the data **real** or **faked**?

   (e) Could it be used **alone**? or was use **supervised**?

   (f) Was the platform **final** or **interim**?

3. **Tool choice** – List a strength and weakness of the tool(s) chosen for the prototype.

4. **Overall** – Was the choice of tool(s) for the prototype appropriate for the authors’ goals? What might you have done differently?
Lecture 10 Worksheet – Usability Studies

Activity – Analyze a Usability Study
Work in groups of 2-3.

Individually, read the iPad usability study description. Note: this study was run in 2010. The iPad was announced in January 2010.

Copy of iPad usability study can be found in your textbook (RSP): pages 479 – 482 (4th edition), pages 480 – 484 (3rd edition)

When done reading, with your small group discuss and write down answers to the following parameters for this usability study:

(a) What evaluation goals did the team have? Write down as many as you can find.

(b) A number of tasks are listed in the example.

   (i) Comment on their suitability in terms of assessing the team’s usability goals.
(ii) What other tasks would you use to evaluate a tablet device usability in 2017?

(c) What metrics did the team use to measure usability for these tasks? Can you think of any others that should be considered?

(d) What evaluation and data recording methods …

   (i) did this team use to get at the above metrics for an in-lab, in-person usability test?

   (ii) could you use today in a remote evaluation with existing users?