

APP DEVELOPMENT & PROFESSIONAL ETHICS

// CLASS 24

FALL 2015 / SECTION 02 / HOLLY BUCK

**ADAPTED FROM SLIDES FROM DR.
CYNTHIA MATUSZEK**

PRESENTATIONS

- *4-5 minutes long (8 for partnerships) + 1-2 minutes for questions*
- Slides must be in working PowerPoint and sent to Aaiz **by 11:59 on Nov. 30**
- Practice: most presenters cover 1 slide in 30-60 seconds
 - So you want at most 10 (16 for partnerships)

WHAT TO COVER

By the end we should know:

1. Your topic and primary ethical question

2. What makes it an ethics question?

What sides are there? What's the ethical dilemma?

3. Your stance / policy / answer

4. Pros and cons of your answer

Why it's the best / a good answer, *AND its downsides*

Ordering of these points & presentation style: up to you

Book reports: there should be an ethical dilemma somewhere in the book you chose to address

GIVING A GOOD PRESENTATION

Make slides visually interesting when possible*

- Plain text is boring; people zone out.
Images, animation (sparingly), even color can help.
- Never just read out the slide
 People can read faster than you talk
 Then they're done, and you're still talking
 Have bullet points that remind you what to say
- Never have text on a slide smaller than 18 point

Practice! (I cannot stress this enough.)

** These slides are terrible at this because they are meant to be read offline*

AUDIENCE RESPONSIBILITIES

- Listening attentively
Please give the presenter your full attention!
No computers, tablets, or phones (or, obviously, talking)
Hold questions to the end
- Asking good questions
Concise – don't use up the Q&A period asking
Relevant – questions, not anecdotes
- Filling out feedback forms on each presentation
These will count towards YOUR participation grade.

PRESENTATION DATES

- Dec 1, 3, 8 (final exam slot)
- Anyone want to sign up for Dec 1?
- Will use online random number generator to determine who goes on which days
- Remember, need to turn in slides **by 11:59 pm on Monday, Nov. 30 regardless**

PROFESSIONAL ETHICS

1. *What is the point of having a professional code of ethics?*
2. *What are two ways professional ethics differ from ethics in general?*

PROFESSIONAL ETHICS

Role of the professional is special in several ways:

- The professional is an expert in a field that most customers know little about – Most of the people affected by the devices, systems, and services of professionals do not understand how they work and cannot easily judge their quality and safety.
 - This creates responsibilities for the professional
- The products of many professionals (highway bridges, investment advice, surgery protocols, computer systems) profoundly affect large numbers of people – often the victims have little ability to protect themselves because they are not the direct customers of the professional and have no direct control or decision-making role in choosing the product or making decisions about its quality / safety
(Baase, p. 405-6)

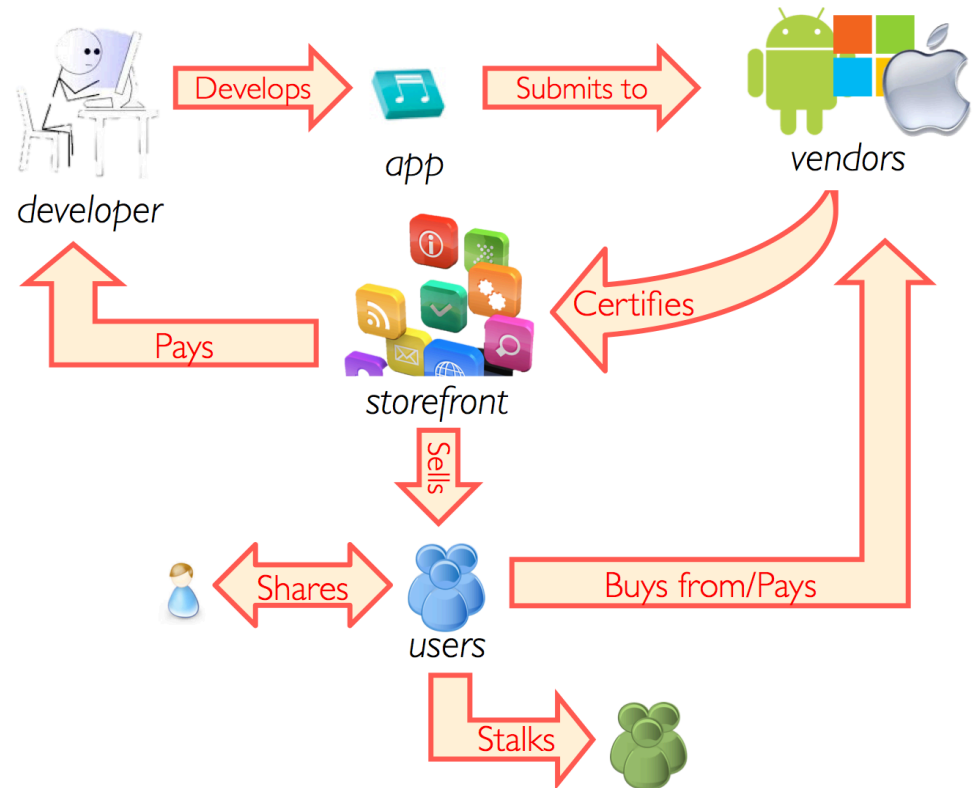
ETHICS & RESPONSIBILITY

Who is responsible?

Everyone?

- The person/people/ entity who *did* the damage?
- The person/people/ entity who *enabled* the damage?
- The person/people/ entity who *allowed* the damage?
- The person/people/ entities *who are* damaged?

These parties do not all bear the same responsibility.



Awesome Graphic: Dr. Matuszek

DUE DILIGENCE & STANDARD OF CARE

So what responsibilities do we have? Perfection?

Due Diligence:

- "...refers to the care a reasonable person should take before entering into ... a transaction with another party." [1]
- "Reasonable steps taken by a person in order to satisfy a legal requirement, especially in buying or selling something." [2]

Standard of Care:

"Such reasonable caution as a prudent [person] would have exercised under such circumstances." [3]

DISCUSSION QUESTIONS

For ALL of the topics covered in the readings:

Was damage done (or could it be?) What damage?
Who's responsible?

- Girls Around Me
- In-App Purchases & kids
- QuizUp privacy & security issues

Could they have reasonably foreseen the damage?
Could they avoid it? Could they be required to? Ethically?
Who's responsible for fixing it? For preventing it? How?

Who *did/does* the damage? Who *enables* the damage?
Who *allows* the damage? Who *is* damaged?

GROUP RESEARCH - #DIESELGATE

For the Volkswagen software scandal:

1. Gather relevant facts

What happened?

Who was responsible?

Could they avoid it?

Could they be required to? Ethically?

Who's responsible for fixing it?

For preventing it? How?

2. Write up 2-3 paragraphs that discuss your findings / analysis of the following, and post on Piazza by next class:

Who *did/does* the damage?

Who *enables* the damage?

Who *allows* the damage?

Who *is* damaged?

- Mention the relevant stakeholders and values and principles.
- Offer a conclusion of some kind.