INFO2222 Mini-Assignment 2 – research on phishing

Due: 12 noon, Week 3, before the 1pm whole-class tutorial, *21ˢᵗ March, 2018*
Submit: on Canvas and bring a hard copy of the document * below to the classes in Week 3

Assessment:
This work will be assessed with Turnitin. This work is worth 1%. Grading is {0, 0.5, 1} corresponding to: {non-attempt or very minimal attempt, more than minimal but not a solid attempt, solid response on all parts}

Goals:
- Research to build understanding about phishing
- User research based on auto-ethnography.

Task 1:
Read the following website page:
http://staff.ask.sydney.edu.au/app/answers/detail/a_id/561/
and then do the quiz linked from there: https://www.opendns.com/phishing-quiz/

Write a Task 1 short report with:
- a summary of all the *suspicious features a person should look for in links* – based on both the advice on the webpage and the online quiz;
- a summary of the main advice about *email addresses* on the webpage;
- a summary of the *social engineering* aspects described in the website page;
- anything else you learnt from these materials, previous knowledge or research

Task 2:
This is an "auto-ethnography" (self-observation) exercise where you think about how you examine mail to determine if it may be phishing. Look through at least 10 email messages (if need be, ask friends to send you mail that has some links in it, so you have at least 10 email messages, including at least 3 that have links).

Identify 3 (THREE) email items you have received and that an attacker might use as a model for designing a phishing email. Save them as text from your mail reader application. For these 3 mail items, look carefully at the mail headers and make notes about what you could understand about the From: and Reply-to: addresses, the machines on the path taken by the email.

Write a Task 2 short report with:
- brief notes about what you did and noticed about your own mental model as you read the 10 mail items;
- a brief description of why you chose each item - taking care to refer to attributes of the mail that indicate whether the mail is trustworthy .

What to hand in:
- A document with your answers to Tasks 1 and 2 * (bring a printout of this to class);
- The three mail items.