

# IDSE201 Assignment: Concept Map

## Introduction & Goals

While your design solution may end up as a product, system, or service, it will almost always include a digital touchpoint – a place for a person to interact with a computer. At this point, interaction becomes constrained by interface: the possibility for communication is filtered through an increasingly narrow set of *user interface components and controls*.

The goals of this project are:

- To learn how to effectively produce user interfaces that support your designed interactions
- To learn how to develop wireframes to communicate a user interface flow
- To gain confidence in using digital tools to help communicate ideas that occur over time
- To direct attention and decision making in a persuasive manner
- To learn an effective, iterative, user-centered process for wireframing

## Scope

Begin to redesign the interface for any bank mobile application.

- A. “Relationships” Concept Map.** Create a concept map of banking, generally, showing the representative of the relationship between words and ideas. Use the 2x2 matrix we learned in class. Sketch the map by hand, and then re-create it in Adobe Illustrator for clarity.
- B. Existing Screen Inventory.** Capture screen shots of each screen in an existing banking application. Print them and put them on the wall (don't use color – it's a waste of ink, and we don't care about color right now).
- C. “Navigation and Information Architecture” Concept Map.** Create a concept map of the existing banking application. Include all of the existing capabilities. Sketch the map by hand, and then re-create it in Adobe Illustrator for clarity.
- D. Redesigned “Navigation and Information Architecture” Concept Map**
  1. Rearrange the application, to optimize for usability, by reorganizing the concept map of the system as a Navigation and Information Architecture map.
  2. Your new design will need to include all of the capabilities of the current application, as well as these items below; if the existing app doesn't have these features, you'll have to add them in:
    - a. The ability to check your balance
    - b. The ability to deposit a check
    - c. The ability to transfer money out of the bank
    - d. The ability to set alerts and notifications
    - e. The ability to pay a friend
    - f. The ability to view, setup, and change recurring bill payments
  3. Sketch the map by hand, and then re-create it in Adobe Illustrator for clarity. Don't create screens yet – just build a new system model by creating a new concept map.

## Deliverables

Deliver the following items (*Total points: 100*):

1. **[Post to the blog] All three Concept Maps (“Relationships”, “Navigation and Information Architecture”, and future state).** Post your concept maps to the blog, in a way that stands on its own (ie, should be understandable without you explaining it). When you post this work to the blog, do not simply post a link to a .pdf; describe your process, and articulate and show your solution in context (images in the context of words). (100 points)