


# User Interface Software Projects

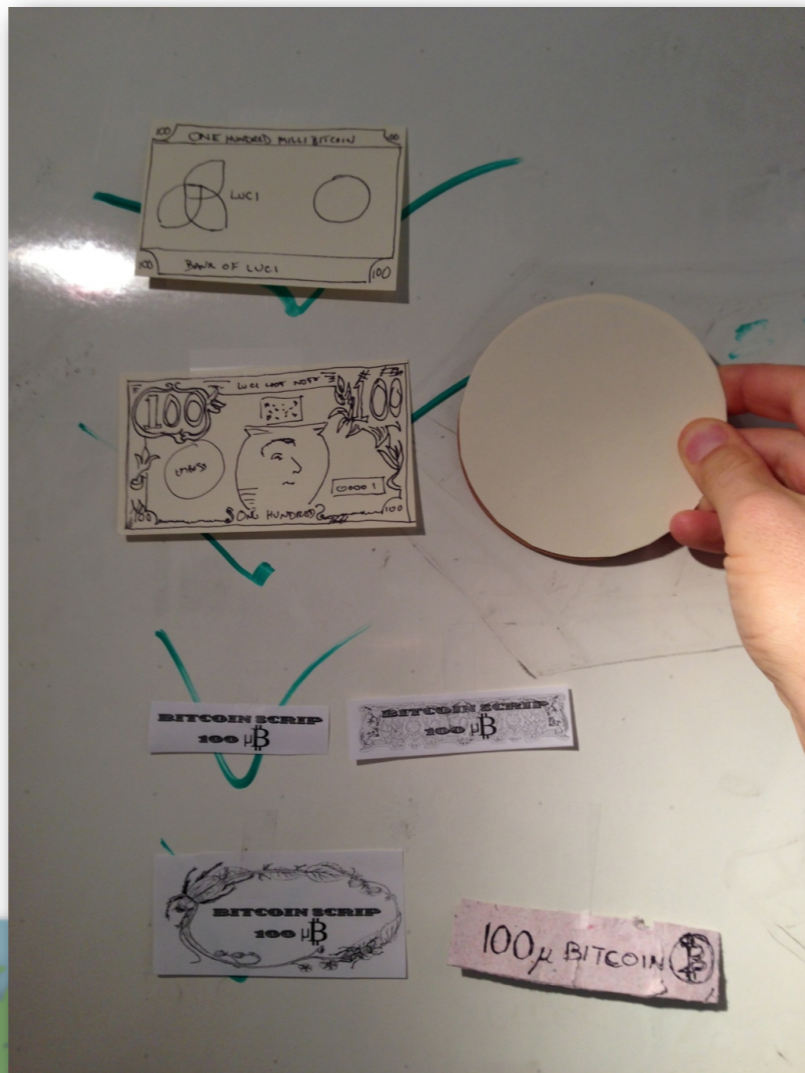
Assoc. Professor Donald J. Patterson  
INF 134 Winter 2013



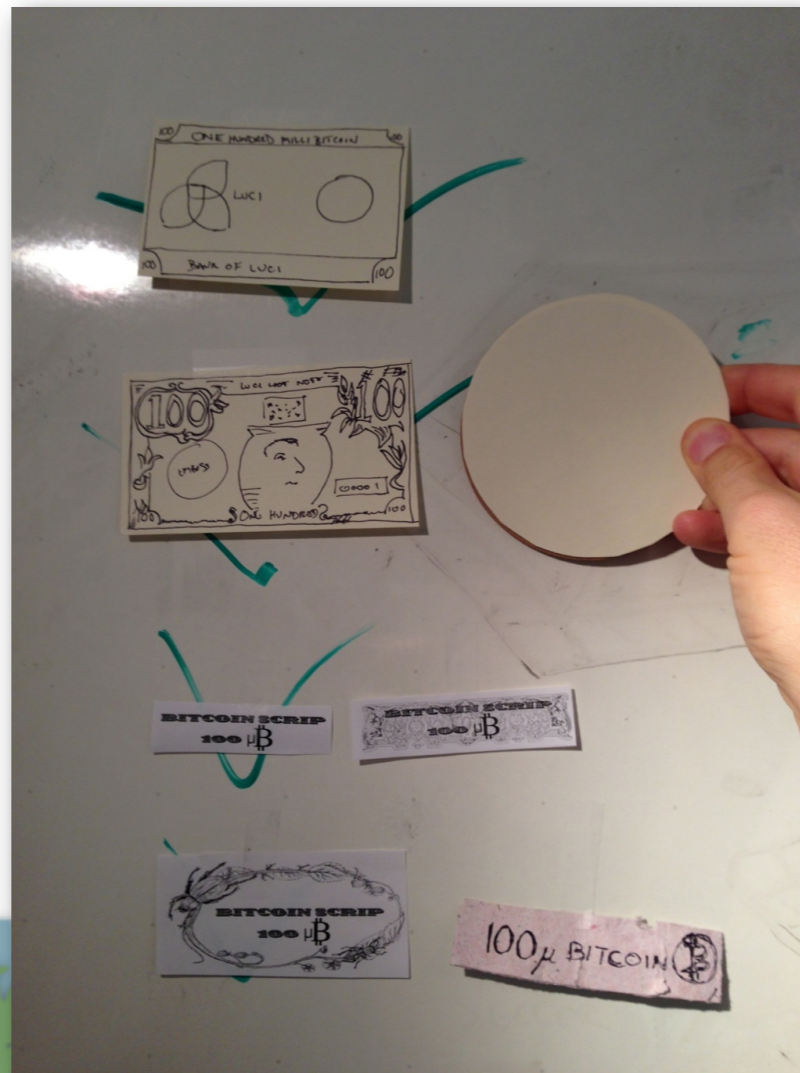
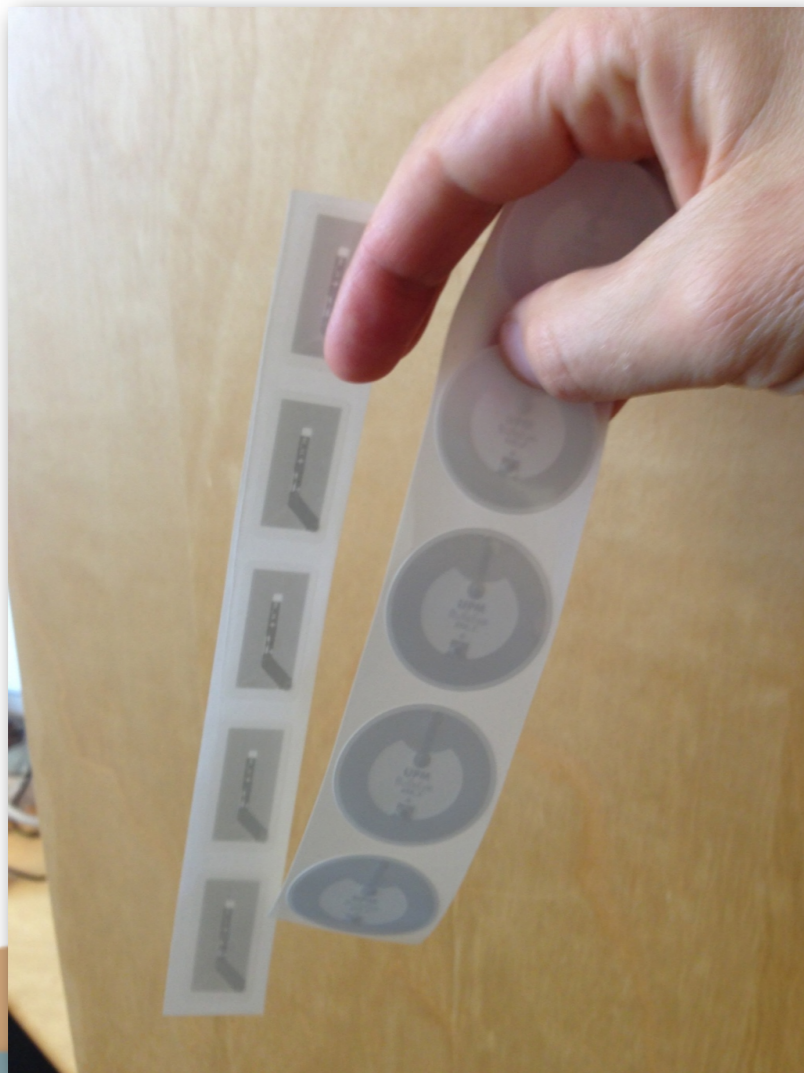
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# Design Challenge





- Develop a currency wallet
  - Primary task is to detect counterfeits with NFC
  - Second task is to monitor money
  - Third task is to keep open the possibility of becoming a digital wallet



FALL EXHIBIT | LANGSON LIBRARY

# GOLD TO THE PAST, PRESENT AND FUTURE GIGABYTES OF MONEY



At left:

65. "The Death of Cash." *Fortune Magazine*, (166) 2, 118-128. July 23, 2012.

Above, below and above right:

66. **New forms of digital payments.**

With companies like Facebook, Google, and Apple all exploring payments, online gaming currencies like World of Warcraft Gold, and currency experiments like Bitcoin, is it only a matter of time before we live again in a world of multiple non-state issued currencies? Or is that world already here?

- a. **Facebook credits.** United States. 2012.
- b. **iTunes gift card.** United States. 2012.
- c. **Bitcoin.** Don Patterson. 2012. UC Irvine computer science professor Don Patterson created this three-dimensional representation of a Bitcoin, the cryptocurrency experiment launched by anonymous programmers in 2009.
- d. **World of Warcraft (WoW) Gold.** Screenshot from website selling World of Warcraft gold. 2012.





- 15 minutes
  - Prepare your interface
    - Last minute views
  - Identify who is going to manipulate the interface
  - Identify who is going to take notes
  - Identify who is going to be the user
- 15 minutes
  - User rotates to first group
  - Run the interface, take notes
- 15 minutes
  - User rotates to second group
  - Run the interface take notes







- 15 minutes
  - Revise your interface
  - Pick a new user
- 5 minutes
  - User rotates to first group
- 5 minutes
  - User rotates to second group
- 5 minutes
  - User rotates to third group
- 5 minutes
  - User rotates to fourth group

