Decentralized Social Network

Members:

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Customer:

AP Bernard Wong

What's this project about anyway?

- The Internet is dangerous and people are relying on a broken system.
- Mass surveillance, abuse of power by governments around the world.
- To build real security into the Internet, trust must be made explicit.

What’s this project about anyway?

- Avoid censorship by working in a peer-to-peer fashion
- Urge users to verify each other's public key signatures to help them avoid MITM attacks
- Use the GNU Name System (GNS) to for introducing users to second (and maybe third degree) connections

Iteration 1 Backlog

- Meet with the customer to get feedback on our plan
- Meet with business people to figure out if our business model is realistic
- Read market research from MBET students and include it in the presentation
- Set up GNUnet and figure out how to use it to build things on top of it

Iteration 1 Results

- Customer likes idea
- Business plan:
  - Enterprise support
  - Raspberry Pi’s
  - Donations

Iteration 1 Results (cont)

- Market research
  - NSA
  - $1-5/month services
  - More efficient than centralized services
  - TOR: 500,000 users

Iteration 1 Results (cont)

- GNUnet
  - Compiling = hard
  - Compiled on an Ubuntu Server 12.04 VM
  - Supported: Arch Linux, Ubuntu, Debian, Windows, OS X

Iteration 1 Results (cont)

"Private social networking and file sharing will represent the next wave of communications in an era where information is no longer safe"

- Seth Brouwers *Managing Partner at Galt Global Capital Ventures*

Iteration 1 Results (cont)

"I have been looking for a safe communication and file sharing platform to use for all of my ventures that will keep my business information private and protected. I will invest money in a simple, easy to use platform that I can manage my businesses on"

- Gary Bartholomew *Founder of Cybernorth Ventures*

Retrospective

- Idea = good, market = good
- Compiling = hard
- Next time allocate more time