

ITC 250-CPET 499 Meeting 1, 8/27, 2013

Tuesday, August 27, 2013 12:44 PM

Systems

- Hardware Systems vs. Software Systems
- Electrical Systems
- Electronics Systems
- Computer Systems
- Network Systems
- Communication Systems
- Web Systems
 - Computers
 - Web servers
 - Web clients
 - Software
 - Authoring tools
 - Browsers
 - Servers
 - Communication/Networking
 - Protocols
 - Information/Data
 - Audio/Video
- Industries/Business
 - E-learning
 - Advertisement
 - Books/Publishing
 - E-Commerce/Business
 - Collaboration tools
 - Control/Monitoring tools
 - Entertainment
 - Audio/Video
 - IT Services
 - Automation
 - Office
 - Financial Systems
 - Stock markets
 - Energy Markets
 - Factory
 - Mobile Computing
 - Healthcare IT
 - SmartGrid
 - Cloud Computing

HTML 5

CSS

JavaScript, Web APIs

Graphics

Browsers and Authoring Tools

Web Design and Applications

Web Architecture

XML Technology

Web Services

Web of Devices

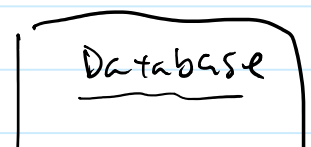
$$2^{16} = 65536$$

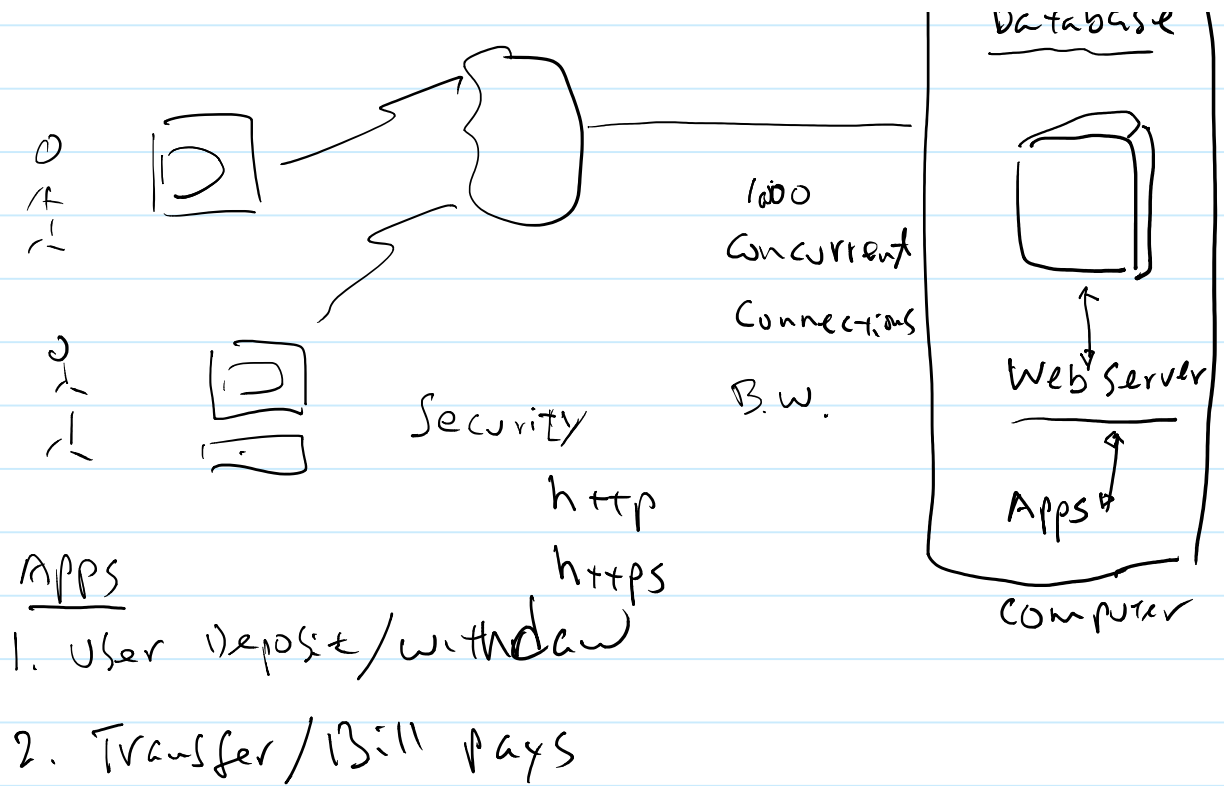
System Diagram

Cloud



Bank App





<http://www.etcs.ipfw.edu/~lin>

Applications Web systems

• Info sharing + video, audio

1) Computer platform [Windows
Server Macs
 Linux
 Windows

O.S. 2008 web server
 2012 "

Intel PC / Servers

2) Physical Location

Environmental / Security

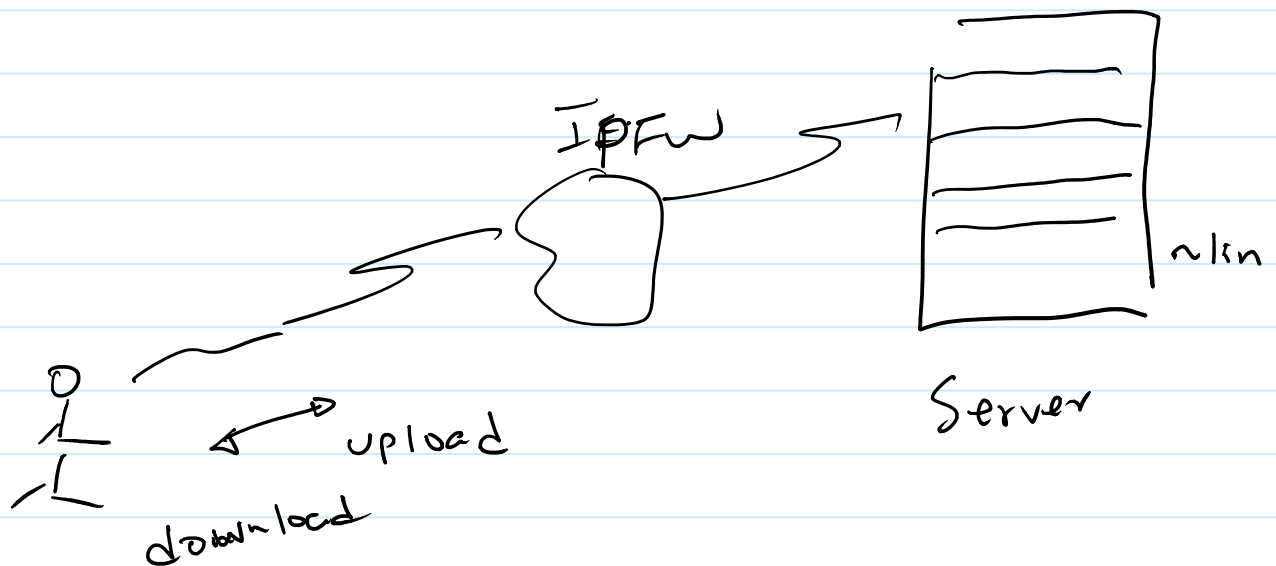
3) Internet Connection

- Comcast
- Frontier

Dedicated IP address ?

4) Software Tools

<http://www.etcsl.ipfw.edu/~lin>



(A) Secure Shell \longleftrightarrow FTP
public_html

E: // public_html

(B) HTML authoring tools

