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## 7 Cs of WEB design - Customer Interface



## <u>Context</u> \_- Design Look and Feel

- Section Breakdown
  - × Linking Structure
  - **× Navigation Tools**
  - × Site Performance
  - × Aesthetics
  - × Color Scheme
  - × Visual Themes
  - Context Archetypes form and function
    - × Aesthetically Dominant:
    - **×** Functionally Dominant:
    - × Integrated: Balance of form and function.

### **<u>Context</u>** Aesthetic Dominate – <u>KMGI.COM</u>

### **A LEADER IN INTERESTING WEB DESIGNS**



#### **Context FUNCTIONAL DOMINATE**

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**Top DVD Rentals** 

**TV Spotlight** 

Top Sellers Top Downloads

Blu-ray to Buy

Games to Buy

*Bazaar:* users wander through a vast number of interest areas Does not provide for users to interact with one another

#### YAHOO! GAMES

Catch em' All here I Poke Mon

Yahoo! - Help

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Beyond.com	<ul> <li>Backgammon (2215)</li> <li><u>Checkers</u> (2049)</li> <li><u>Chess</u> (3860)</li> <li><u>Go</u> (190)</li> </ul>	<ul> <li><u>Blackjack</u> (869)</li> <li><u>Bridge</u> (1242)</li> <li><u>Canasta</u> (1637)</li> <li><u>Cribbage</u> (1450)</li> </ul>
Games Poll	<ul> <li><u>Reversi</u> (206)</li> </ul>	<ul> <li><u>Euchre</u> (3441)</li> </ul>
<u>Vote for your favorites in</u> the TWEC Picks Poll	Other Games: • Yahoo! Towers (beta) NEW!	<ul> <li><u>Gin</u> (1364)</li> <li><u>Go Fish</u> (337)</li> <li><u>Hearts</u> (2336)</li> <li><u>Pinochle</u> (1828)</li> </ul>
Cool Stuff!	<ul> <li>MahJong (161)</li> </ul>	<ul> <li><u>Poker</u> (492)</li> </ul>
• Yahooligans! Games Cool games for kids. NEW!	Single Player Games:	<ul> <li><u>Sheepshead</u> (137)</li> <li><u>Spades</u> (4780)</li> </ul>
<ul> <li>We're looking for Internet Engineers.</li> </ul>	<ul> <li>Word Games: <u>Crossword</u>, <u>Cryptogram</u>, <u>Wordsearch</u></li> </ul>	
• Want to link to Yahoo! Games?	<ul> <li><u>Maze</u> NEW!</li> </ul>	
Get an <u>Official Button</u> .	Other Games on Yahoo!	
• Activate <u>V! Companion</u> for easy access to Yahoo! Games and more.	<ul> <li>Fantasy Sports: Basketball (Pro, College) - Foo</li> <li>Contests:</li> </ul>	tball - Hockey

# **Club:** Focuses on one area of interest, promotes considerable interaction among members gillettecancerconnect.ogr



Gilleffe Women's Cancer Connection strength in knowing. support in sharing.

#### For Women

#### For Families & Friends

#### Community

- <u>Message Board</u>
   <u>Communities</u>
- Support Group Chats
- <u>Special Events</u>

#### Seminars

Tools & Resources

#### Home

In partnership with



#### Community

Message Board Communities

Gillette Women's Cancer Connection message boards are offered in partnership with allHealth, a channel of iVillage.com: The Women's Network. In order to participate in these boards, you will first be asked to join allHealth, a membership which is free.

Click on a board name listed below to go to our message board communities:

- Breast Cancer Support
- Cervical & Ovarian Cancer Support
- Families & Friends Support
- General Cancer Support
- <u>Chemotherapy</u>
- Grief & Grieving
- <u>Newly Diagnosed</u>
- Patients Rights & Advocacy

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- <u>Childhood Cancer</u>
- <u>Survive and Thrive!</u>

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# *Café:* common area of interest provides considerable interaction among members bolt.com





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# <sup>s10</sup> That is Great but now

# the new bank?

world relies on physical security -Ecommerce world - reliance on electronic means to protect data, communications & transactions.

## THREE TYPES OF SECURITY DIMENSIONS

- **1.** Infrastructure security (hard/software
- 2. Transactions security (web/moving)
- 3. Data/information security (message itself)

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Ad related to hack into computers ()

#### Hacking Course - InfoSecInstitu www.infosecinstitute.com/ -Learn both offensive and defensive "Be

InfoSec Institute has 168 followers on

#### 3 Ways to Hack a Computer - wikiHow

www.wikihow.com > ... > Internet > Internet Security - wikiHow -How to Hack a Computer. Hacking a computer is a useful and, at times, important skill to pick up. Below are instructions for getting past a password (if you find ...

#### Hacking 101: How to Break Into Computers

netforbeginners.about.com/od/hacking101/ - About.com -Within the boundaries of good ethics, About.com will show you resources on how computer security does have holes, and how it is possible to exploit those ... What is 'leet' or '1337'? - What People Use for Passwords - Security Basics At Home

#### Hacker (computer security) - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/Hacker\_(computer\_security) - Wikipedia -According to Ralph D. Clifford, a cracker or cracking is to "gain unauthorized access to a computer in order to commit another crime such as destroying ...

#### how do I hack a phone

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Videos Web News

It's called Windows<sup>®</sup>

so we can see in to your data

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#### How To Hack Into Someo



www.yout Nov 6, 2013 - Uploaded by hen son http://www.mobile:

monitor, spy upon

#### Hack Into Someones Cell Phone

tag.wonderhowto.com/hack-into-som How to Hack Someone's Cell Phone to all these celebrities continue to have the How to Hack Someone's Cell ... - How t

5 Terrifying Smartphone Hacks www.cracked.com > Tech - Cracked

Jul 22, 2013 - If you get a call, it's hard

your ... You might suspect that some kind of camera or microphone hack is at ...

## MILLITATY UNIT IN SHANG

NSA IPHONE HACKING

all your DATA belongs to us...

Apr 30, 2009 - You can hack a smartphone with no more information than a phone

**BEHIND MUCH HACKIN** E) How Can I Hack a Cell Phone If I Only Have the Number - Ask.com www.ask.com > Q&A > Shopping > Electronics -

Breaking into a telephone carrier's network is considered illegal. The prospect of going behind bars

How To H www.hacka Today we'll them ... The Hack Cell

www.hacko This website anyone is de

iPhone Ha www.iphon











# Security vs. ease of use: the more security measures added, the more difficult a site is to use, and the slower it becomes

Security vs. Desire of individuals to act anonymously

**%New "world" disruptive** technologies Fighting Status of

D STATES OF

## <u>Malicious Code</u>

- Viruses: Ability to replicate and spread to other files; most also deliver a "payload" of some sort (destructive or benign); include macro viruses, fileinfecting viruses, and script viruses
- Worms: Designed to spread from computer to computer

 Trojan horse: Appears to be benign, does something other than expected
 Bots: Covertly installed on computer; responds to external commands sent by attacker

## **TROJAN HORSE**







TURKEY

**IS THE THREAT TO NATION'S SECURITY** 

## **Denial of service (DoS) attack**

#### flood Web site with useless traffic

#### overwhelm network

## **Distributed denial service (DDoS) attack**

#### Numerous computers to attack target network WORLD WIDE launch points







# **BOTNETS - THE NEW SOLDIER**

# ESTONIA 2007 GEORGIA 2008



# Hacking and Cybervandalism

Hacker: Individual intends to gain unauthorized access to computer systems
 Cracker: Hacker with criminal intent (two terms often used interchangeably)
 Cybervandalism: Intentionally disrupting, defacing or destroying a Web site



White hatsBlack hatsGrey hats



# **Unwanted Programs**

Installed without the user's informed consent

- Browser parasites: Can monitor and change settings of a user's browser
- **Adware:** Calls for unwanted pop-up ads
- **Spyware:** Can be used to obtain information, such as a user's keystrokes, e-mail, IMs, etc.

## ZEUS INTERNATIONAL OPERATION

A "WEAPON OF CHOICE" CYBER BANK ROBBERS \$70 MILLION BUST OCT 2010 CAN BE BOUGHT ON WEB LOSSES \$200m SMALL/ MEDIUM BUSINESSES LIMITED PROTECTIONS RUSSIAN AUTHOR A-Z BUSINESS LICENSING AGREEMENTS -TECH SUPPORT

- TARGETS SPECIFIC BANKS - CAPTURES YOUR INFO/KEYSTROKES- SENDS TO SERVER - CAN DISPLAY THEIR PAGE TO ASK FOR MORE INFORMATION

## Phishing and Identity Theft

# Any deceptive, online attempt by a third party to obtain confidential information for financial gain



#### Nigerian scam letters (known as 419 scams)

Most popular type: e-mail scam letter

We are currently updating our database and all email accounts need to be updated. Boston University webmail service will be upgrading to the latest 2014 antivirus/anti-spam version. You are required to login to your account withing the next 72 hours so that your account can be updated or have your account suspended. Click MY ACCOUNT to update.

Thank You. BU Webmail Admin. Copyright 2014©.

www.myhackingbox.com

facebook

ect: Dear Esteemed Colleague,

Wang Guoliang Chief Financial Officer - CNPC China National Petroleum Corporation 9 Dongzhimen North Street, Dongcheng District, Beijing, P.R.China | Postcode: 100007

Letter of Intent:

#### Dear Esteemed Colleague,

I hope this email find you in good health. In view of my correspondence with you, I unassumingly solicit for your utmost consideration, as this letter serves as my formal notice of my intent to go into a multinational investment with you in your country.

This is Mr. Wang Guoliang, the Chief Financial Officer of CNPC (China National Petrole Corporation). You may check on the site below to review our company profile and educ

## Insider jobs:

### Single largest financial threat

## Poorly designed server - client software:



## Sniffing:

eavesdropping program that monitors information traveling over a network;

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## Spoofing (Pharming)

Misrepresenting oneself by using fake e-mail addresses or masquerading as someone else

### Spam (Junk) Web sites

Use domain names similar to legitimate one, redirect traffic to spammer-redirection domains

KACHTWORLD.COM



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# The Internet is the 'new bank'

s10

BROWNS

# THE END