

Usability

Third Lecture
1/28/2016

What is usability?

- What does it mean to you?
 - Easy to use
 - Satisfies requirements and features
 - Guides the user
 - Where you can use it?
 - Versatile




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Example: **Where can I download sports shareware for Windows?**

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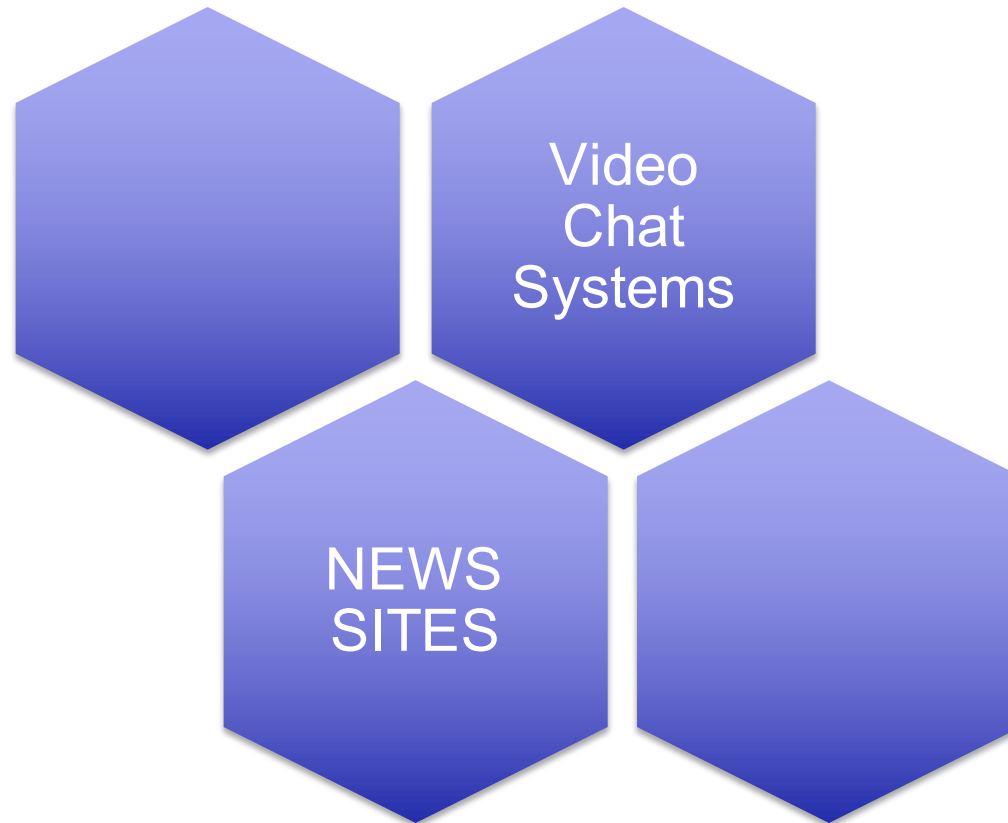
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Department of Electrical & Computer Engineering

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What do these examples tell us?



What is important in usability?

According to usio.com

- User's satisfaction: how is the user satisfied with the design?
- Efficiency: how long does it take for a user to perform tasks in the interface once they are familiar with its design?
- Memorability: how easy is for the user to remember the basics of the interface design after not using it for some time?
- Learnability: how easy can users do their first simple tasks when they first encounter the interface?
- Number of errors: how many errors do users make, how serious are the errors and how easy it is to recover from these errors?

Example

- <http://www.goinvo.com/products/hgraph/>
- <http://www.r2d3.us/>
- <https://www.pinterest.com/>
- [Flipboard](#)

Lets group together and analyze

- News sites: BBC, CNN
- Video Chat: skype and Hangout
- Medical records: Open-emr.org and HI7
- Messaging: SMS and Whatsapp
- Imaging sites (search): Facebook, Google, Flickr
- Exercise
 - Is there a common framework?
 - Document 3 common use cases?
 - Any issues you perceive?

Thank you

- All project selections **MUST** be sent today to me
- Osama Alshaykh
- Skype ID: osama.alshaykh
- Phone: +1-858-361-9043
- Email: osama@bu.edu
- Office: 426
- I will be in my office 4-6pm today (SMS me or email me if you want to meet)

