

CS 4712 User Interface Engineering

MODULE_1 – EXTENDED RESOURCES

PROMINENCE OF USER INTERFACE DESIGN

Descriptions & Links

1. Walks through the steps of how to make an application for the iOS platform. The keynote talks about important topics discussed in the paper on how to design a proper, good user interface; including: know who your audience is, try not to make an application for everyone only a specific set of users, why are you making the app and what features do you think that is needed in the app. Also, design the app so it's easy to use for the user, but looks beautiful at the same time.
<https://developer.apple.com/videos/play/wwdc2016/805/>
2. The video talks about the broad definition of interaction design, differences between interaction design and user experience design, the five dimensions of user interaction design and the questions all designers need to know when designing an application.
<https://www.interaction-design.org/literature/topics/interaction-design>
3. This introduction talks about the Front-End Framework “Bootstrap” which is widely used within millions of websites today. A true example of Interactive Design and setting the standards for future Interaction & Interface Design projects.
<https://getbootstrap.com/docs/4.3/getting-started/introduction/>
4. The video talks about bad aspects of user interface design as when a check box menu purposely has certain items in the checkbox already prefilled or how a shopping cart has “recommended items” in it to get you to spend more.
[Dark Patterns: User Interfaces Designed to Trick People](#)
5. This video shows the user Interaction Design basics of different websites built throughout the years, and compares them to see how they hold up in today’s society.
[Interaction Design Basics](#)
6. Kabir, M. (2019, June 26). HoneyCombUX. Retrieved June 26, 2019.
Kabir, M. (2019, July 17). 3 UI Design part of UX Design Retrieved June 26, 2019.
7. An Abridged History of UI
<https://blog.prototypr.io/an-abridged-history-of-ui-7a1d6ce4a324>
8. User Interface Guidelines for Different Computer Applications
<https://balsamiq.com/learn/resources/reference/ui-guidelines/>
9. Common Example UI Design Guidelines
https://drive.google.com/file/d/1jA7dtre_XnDmAvmMA8mtpDILQJoh2EZ4/view?usp=sharing