Course Overview

The course explores the fundamentals and techniques in human-computer interaction and user interface design. It covers the process of designing, evaluating, and implementing user interfaces, emphasizing user-centered design, empirical methods for evaluating usability, and principles of interaction design. The course aims to provide students with the knowledge and skills to design effective user interfaces for various applications.

Learning Outcomes

- Develop an understanding of user-centered design principles and their application in software development.
- Master techniques for evaluating and improving user interfaces, including heuristic evaluation and user testing.
- Gain proficiency in designing user interfaces using contemporary web technologies.
- Understand the role of collaboration in the user interface design process.

Required Textbooks

- Don Norman, User Centered Design: Applying Human-Centered Design in the Real World
- Don Norman, The Psychology of Everyday Things
- Steven Krug, Don't Make Me Think, Revisited: A Common Sense Approach to Web Usability
- Steven Krug, Rapid Usability Testing on 10 Cents a Day
- Norman, The Psychology of Everyday Things
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