

Interaction Design CAC 430: HCI and SE

Please work with at least one other person. For questions 6 and 7, you will need to work with your final project group unless you are working individually on the project, in which case, discuss your idea with your partner and each person should submit his/her own response.

1. Let's consider a typical account creation page with fields for first name, last name, address, city, state, zip, phone number, and email. What metaphors (knowledge in the head or knowledge in the world) do these forms take advantage of?
2. Name one technology-based item with which you interacted today (e.g., phone (specific app), car, computer (specific app)). Identify how the item/app you used took advantage of metaphors/knowledge in the head/world to make the item/app easier to use.
3. If possible, identify how the item/app you used (or another item/app) could take advantage of metaphors/knowledge in the head/world to make the item/app easier to use.
4. With the item named in #2, what interaction style does it primarily use: direct manipulation, menu selection/form fill-in/dialog boxes, or command/natural language?
5. How do you interact with the item/app physically (e.g., touchscreen, mouse, track pad, keyboard, etc.)? Are there accessibility options for someone with a visual impairment, hearing impairment, or physical impairment?
6. Thinking about your final project for this course, name one metaphor/knowledge in the head/world that would assist in increasing usability.
7. Thinking about your final project, name an interaction style that will be utilized.