

CS 321: Introduction to HCI

Methods for Design, Prototyping and Evaluating User Interaction

Lecture 12:
User Research &
Task Analysis
Activity

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Tasks in User Research

- Tasks are needed to identify and summarize the problem for developing appropriate designs
- To identify tasks, we can use the Task Analysis questions as a guide

Task Analysis

- Who is going to use the design?
- What tasks do they now perform?
- What tasks are desired?
- How are the tasks learned?
- Where are the tasks performed?
- What is the relationship between the person and data?
- What other tools does the person have?
- How do people communicate with each other?
- How often are the tasks performed?
- What are the time constraints on the tasks?
- What happens when things go wrong?



Group Activity (50 min)

Plan/Finalize for your next participants in **2D**.

Make sure that your design research procedure worked well. Make any adjustments if necessary for next users.

Also, start working on your **Task Analysis questions**. You can think about some of the questions even if you haven't collected all the data from your participants.