

# Designing Interactive Systems I

## Lab 3: Constraints, Seven Stages of Action

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Winter Semester 2020/21  
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# General Remarks

- Please **do not ramble**:
  - If the question asks for one argument, provide one argument not two or three. We will pick the wrong one in this case.
  - Do not write unnecessarily **verbose** arguments to fill in space: *“This screenshot shows an application of the closure Gestalt law. The closed shape around items helps group them. This is the definition of Gestalt law of closure, which states that all items inside a closed shape are grouped together. Therefore this screenshot is an application of the closure Gestalt law.”*
- Also: Name the files correctly as mentioned in the assignment. All members of the group are responsible for this.
- Value the time of your participants in your user study. They put in the effort to help you. So should you.

# Use Apps to Scan Submissions, Don't Take Pictures



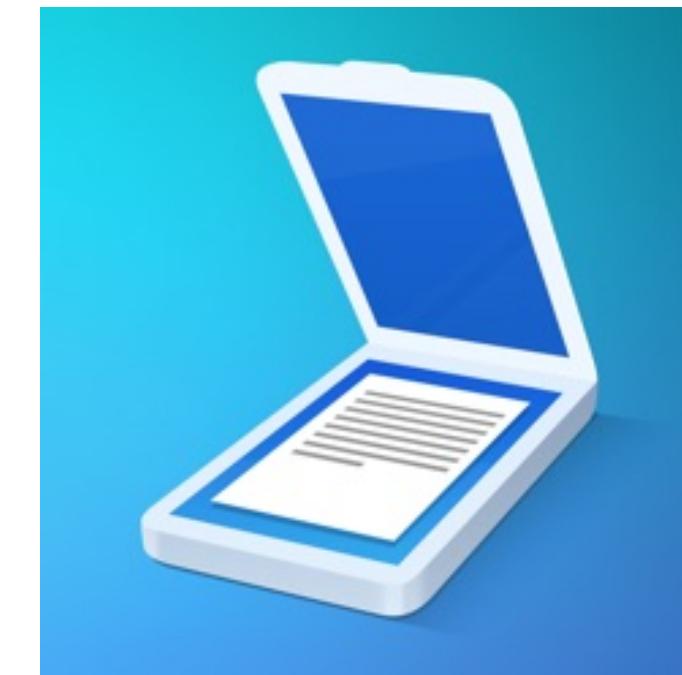
**Adobe Scan**

iOS and Android (free)



**ScanPro App**

iOS and Android (free)



**Scanner Pro**

iOS and Android (free)

## CHAPTER 4

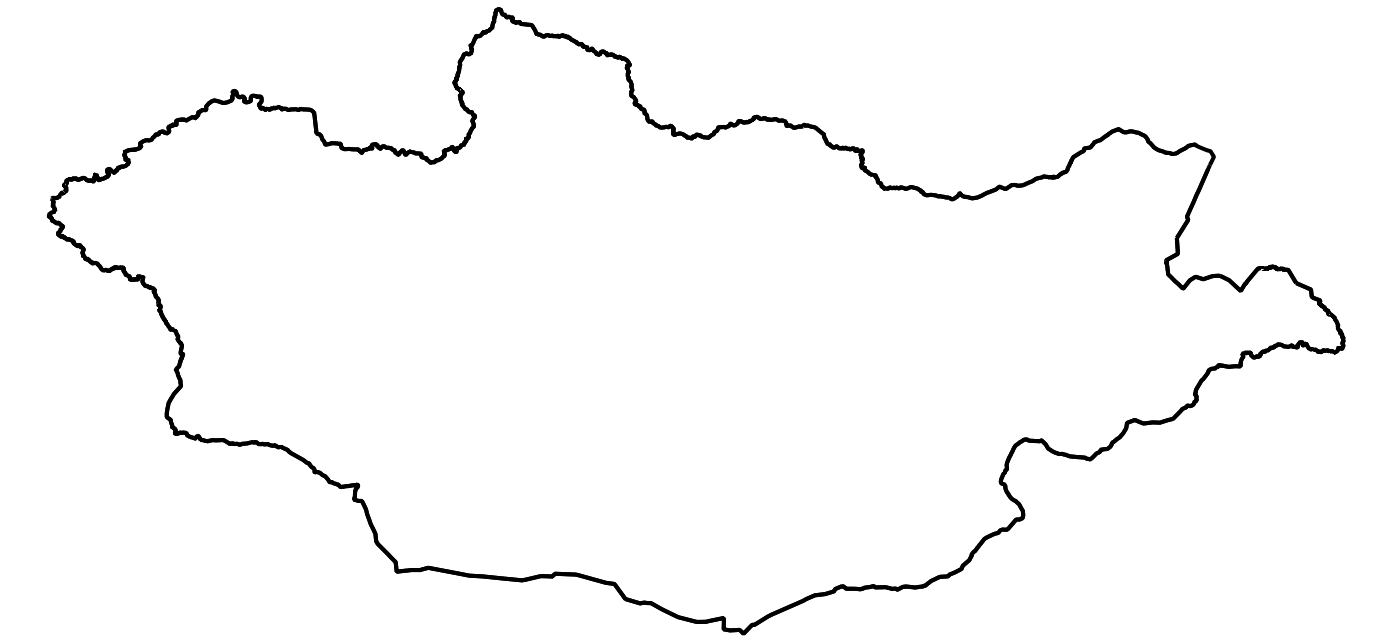
# Constraints



# Semantic vs. Logical Constraint

- \_\_\_\_\_ (11) is the capital of Mongolia

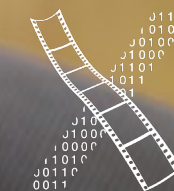
**Options:** Baluga, Ulaanbaatar, or Khentil?



- \_\_\_\_\_ (7) is the capital of Thailand

**Options:** Bangkok, Pattaya, or Phichit?











# In-Class Exercise: Constraints Examples

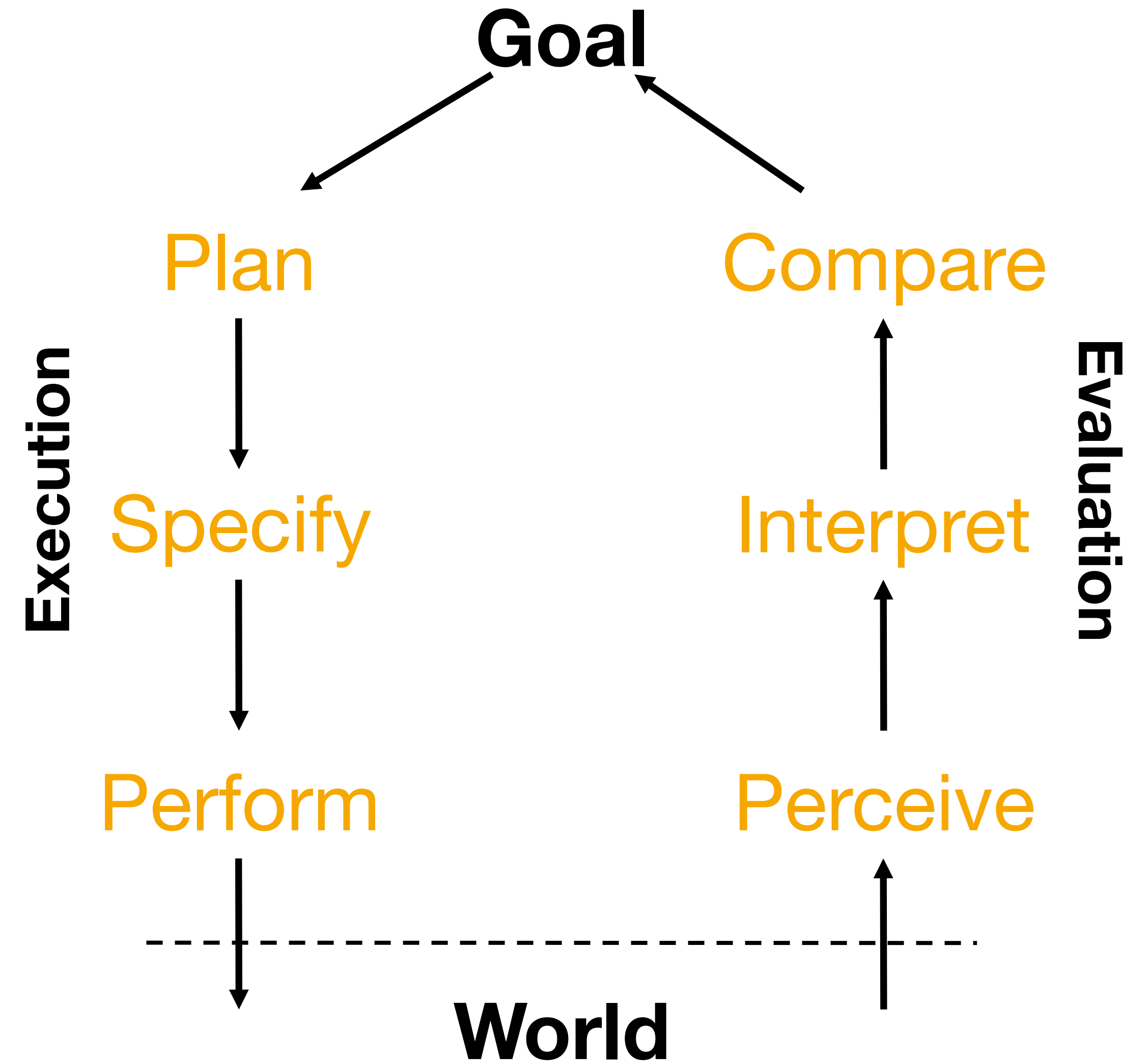


## CHAPTER 4

# Seven Stages of Action

# In-Class Exercise: Seven Stages of Action

- Imagine that you want to have a cake with friends after the lab. Formulate the Seven Stages of Action for this task.
- What are the potential gulfs (both in execution and evaluation)?



# In-Class Exercise: Seven Stages of Action

Goal

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Plan

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Specify

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Perform

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Perceive

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Interpret

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Compare

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