Designing Interactive Systems I

L12: Week 11 Discussion, Introduction to Week 12, and Video Prototype (Milestone #6)

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http://hci.ac/dis

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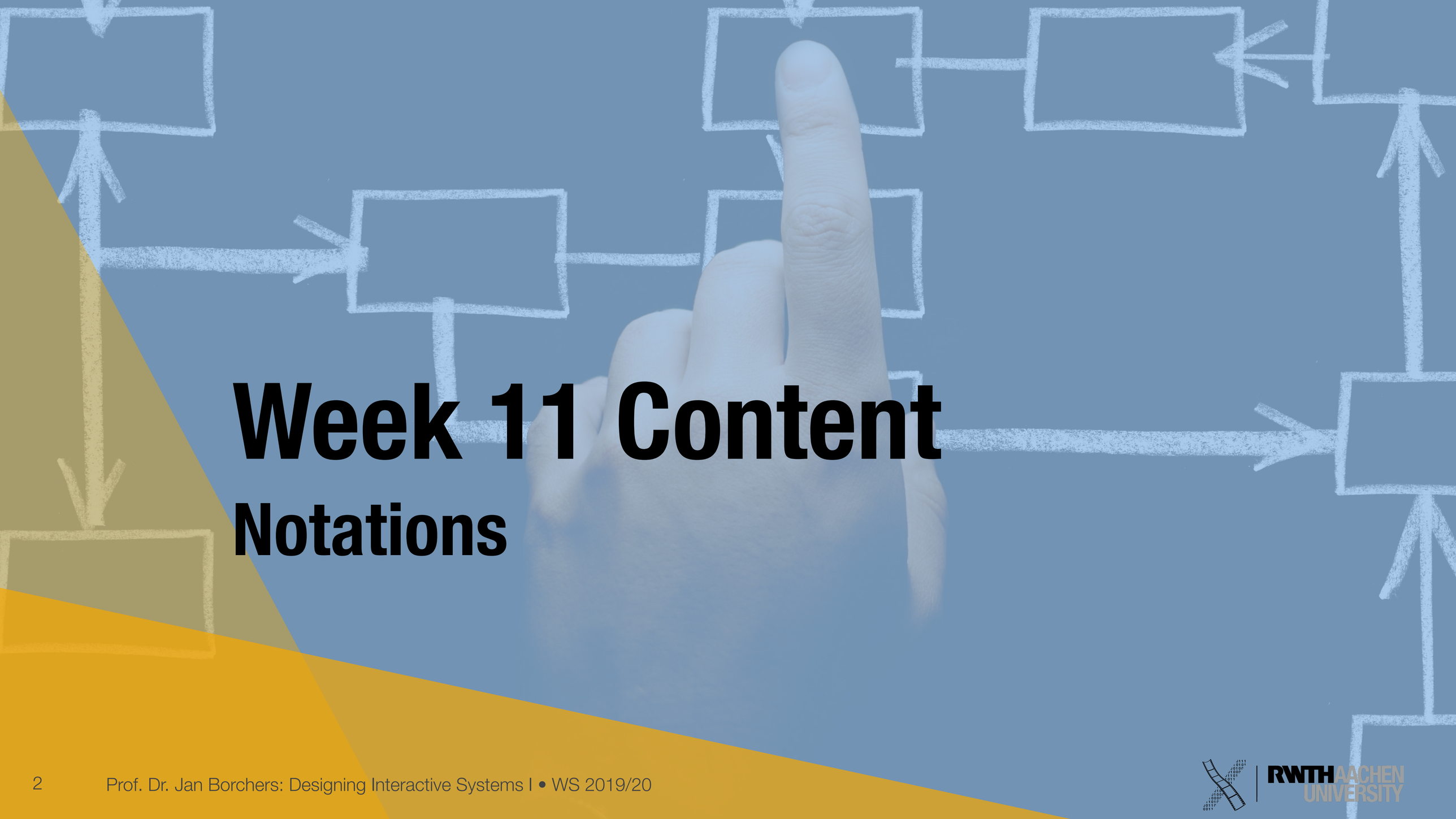

Week 11 Content

Notations

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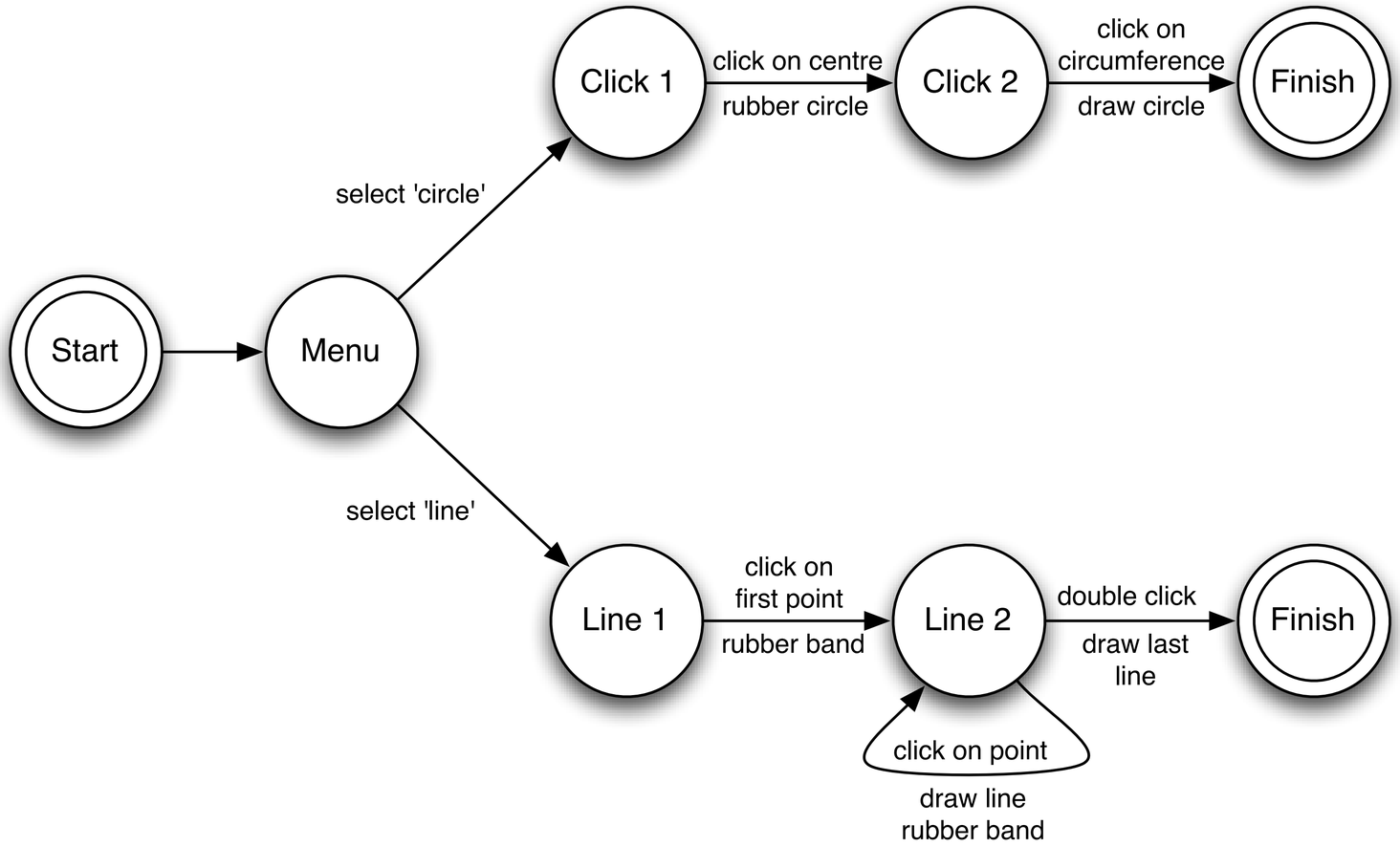
In-Class Exercise: STNs



- Draw an STN representing the state of the clipboard and the states of the selection for a plain text editing program

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In-Class Exercise: STNs

- Assume the following:
  - At the **beginning**, the clipboard is **empty and nothing is selected**.
  - The user may **select**, **deselect**, **cut**, **copy**, or **paste**.
  - The clipboard has only **one slot**.
  - The user may **paste** content on the clipboard **more than once**.
  - When the user tries to cut or copy when there is nothing selected, the program ignores the command
  - The selection stays after the user issues a copy command.
  - After the user issues the paste command, nothing will be selected.

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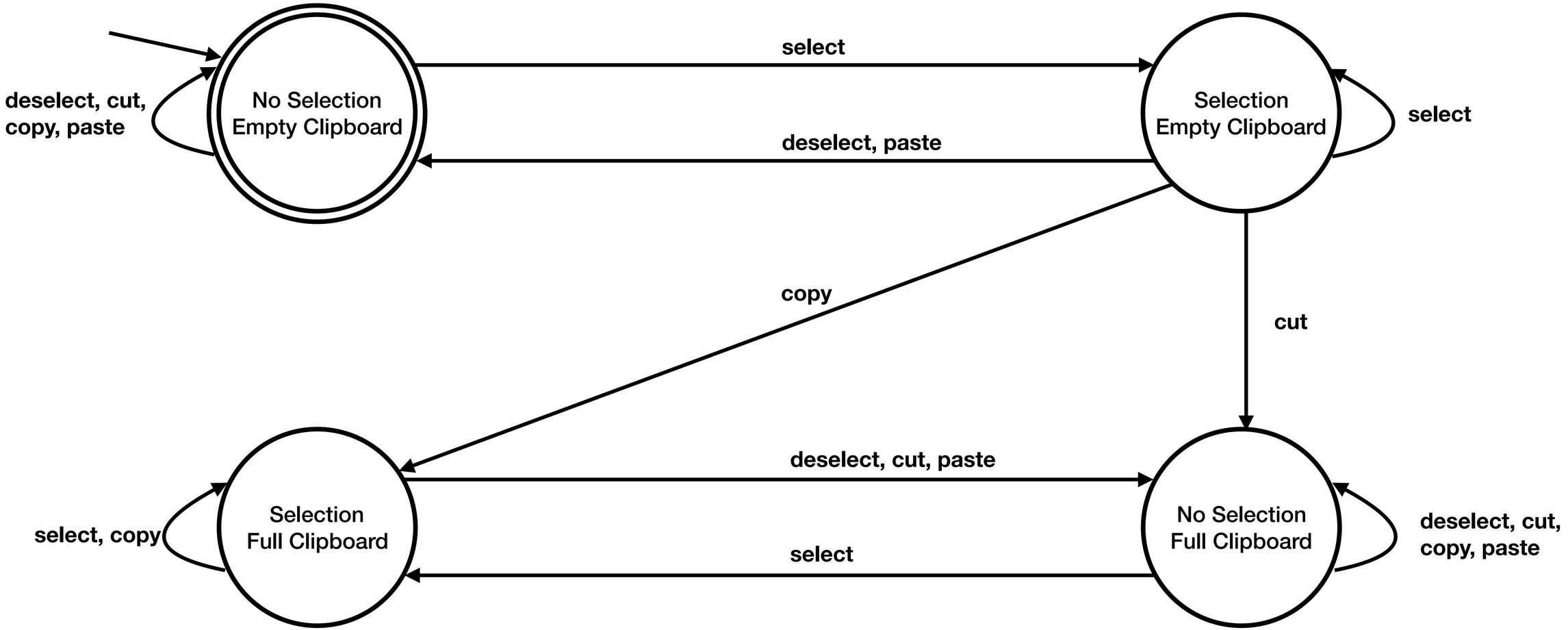
In-Class Exercise: STNs



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Week 12
Notations II

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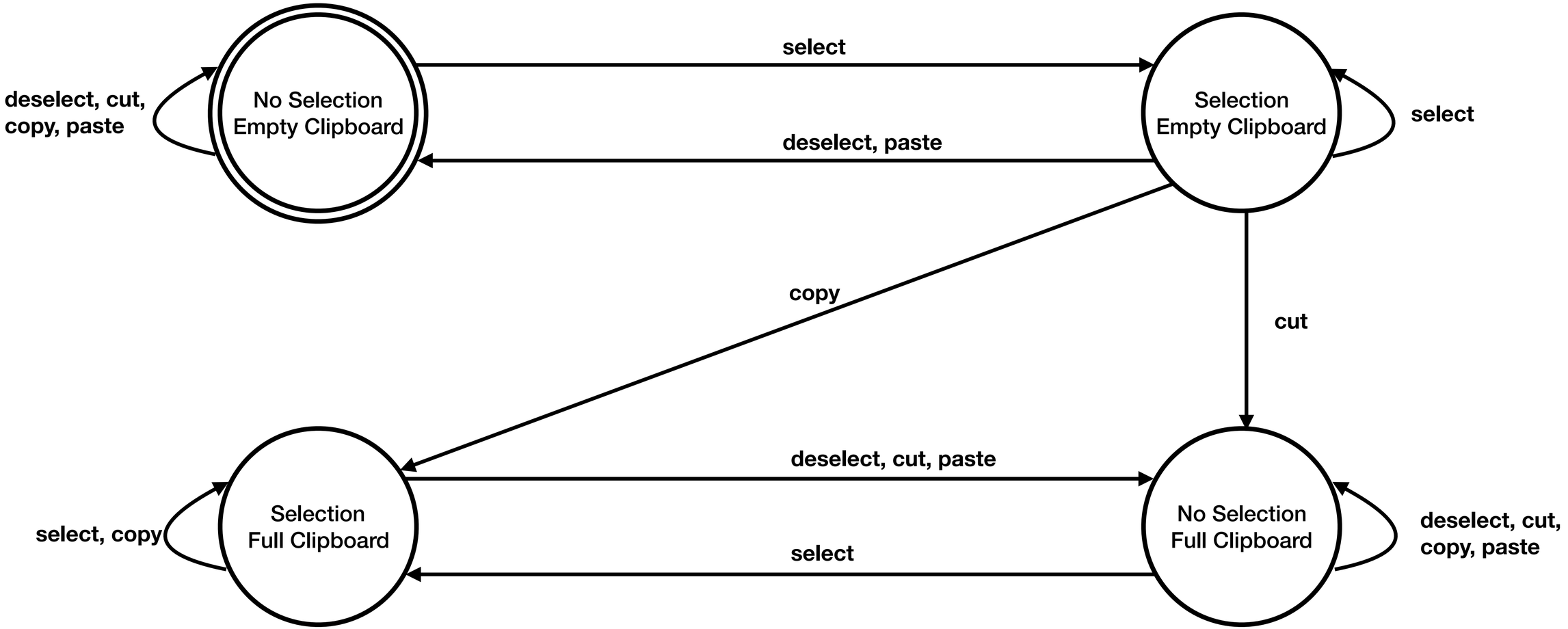
STN Problems



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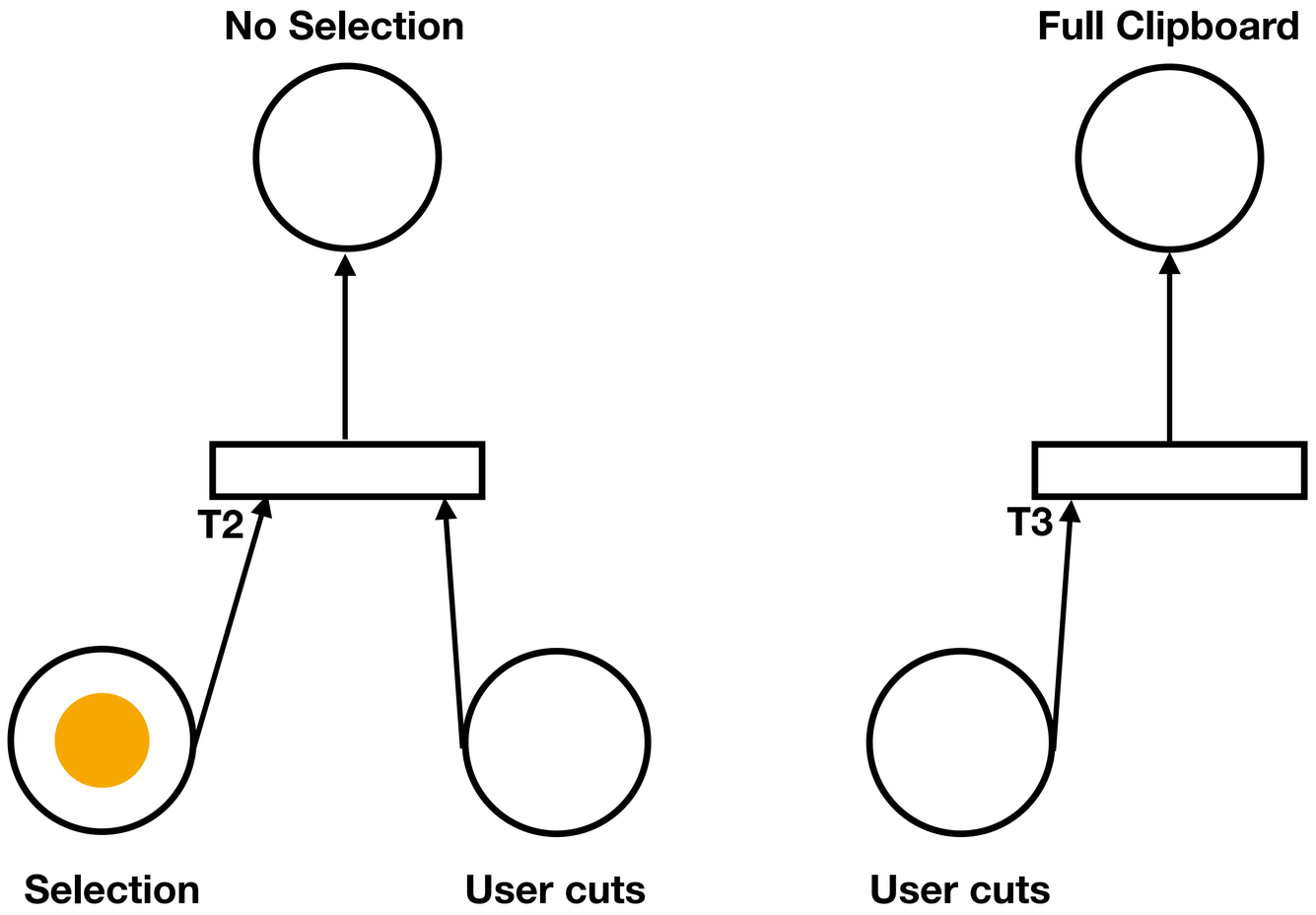
Petri Nets



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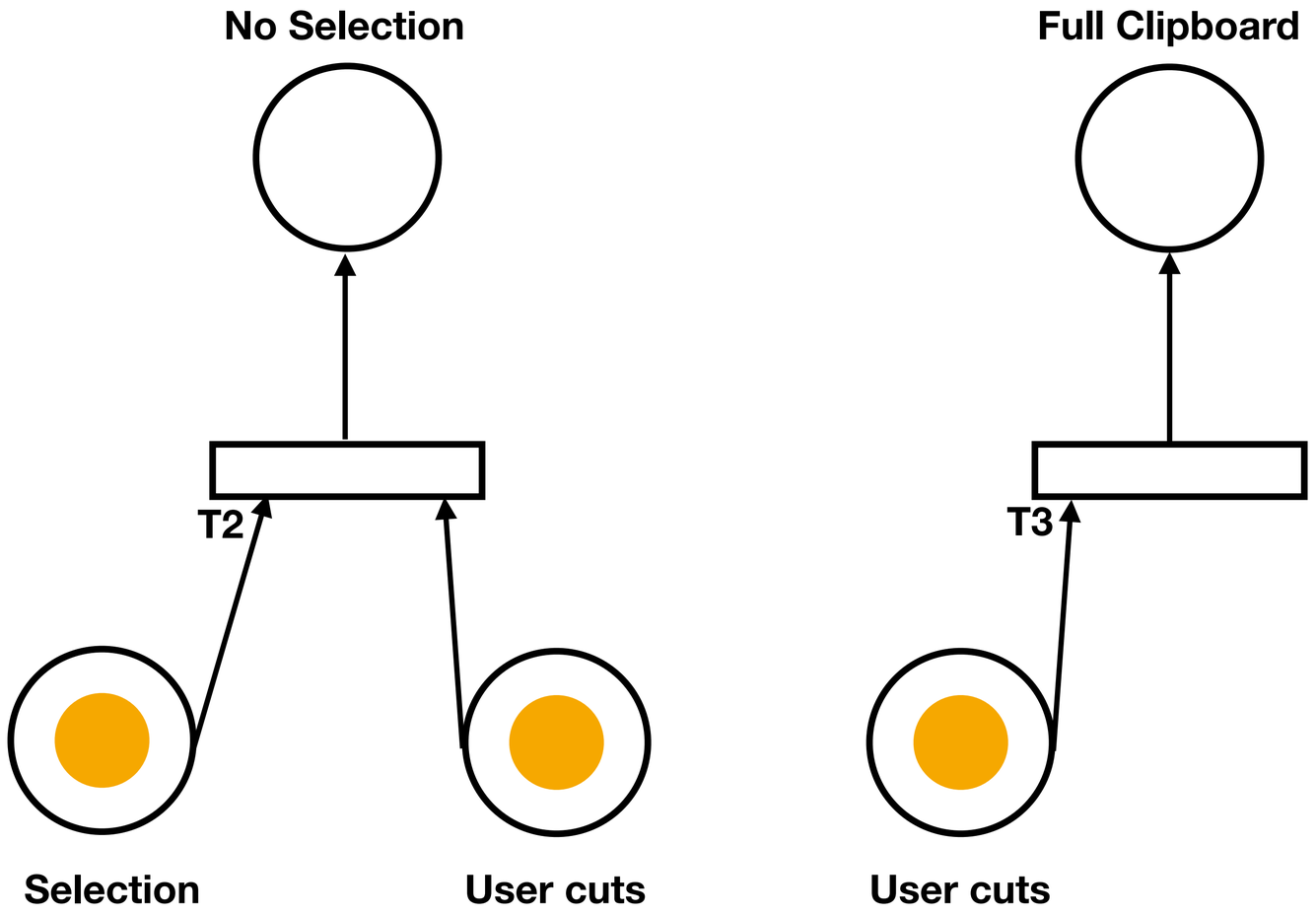
Petri Nets



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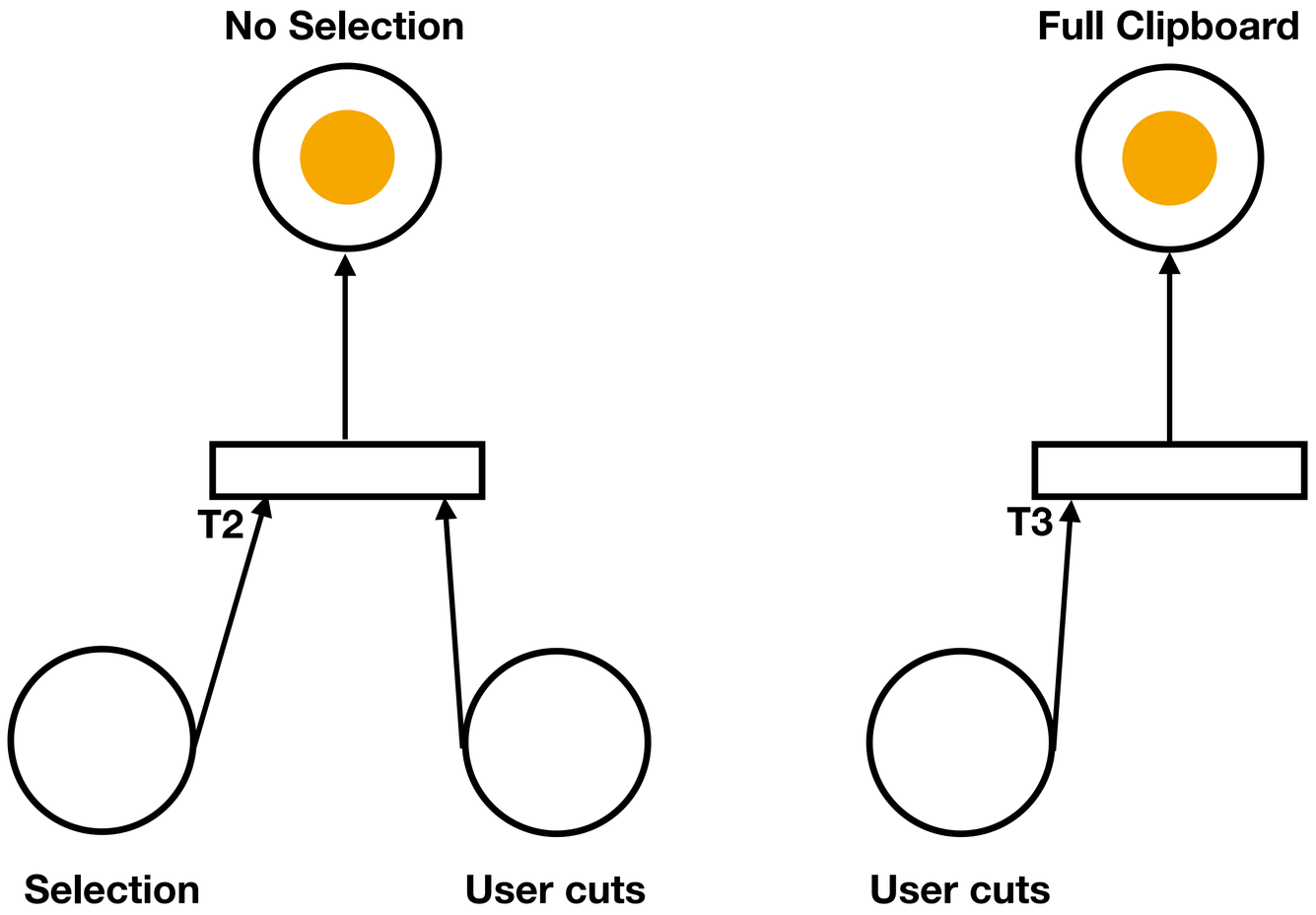
Petri Nets



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Video Prototype

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Details

- Less than **3:00 minutes.** *We will stop your video after three minutes!*

- Tell a story about a user interacting with your prototype.
  The **Starfire** video style is a great example.

- **Storyboard-based**
  i.e., start with a bad user experience that your system then improves on

- Focus on the **user interaction** and **user experience.**
  E.g., zoom in on the user interface when the user interacts with it, show user's emotions.

- From your prototype demonstration, it should be clear what the system offers to the user and how she can interact with it!

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Re-Agenda
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Re-Agenda
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What Next?

- By **Wednesday (Jan. 23):**
  - Finalize the prototype you have chosen last week
  - Write the script for your video prototype
- Before **Monday (Jan. 27):**
  - Watch Week 12 Content: Notations 2 (Petri Nets)
  - Submit your solution for milestone 6 via RWTHmoodle

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