



# 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>

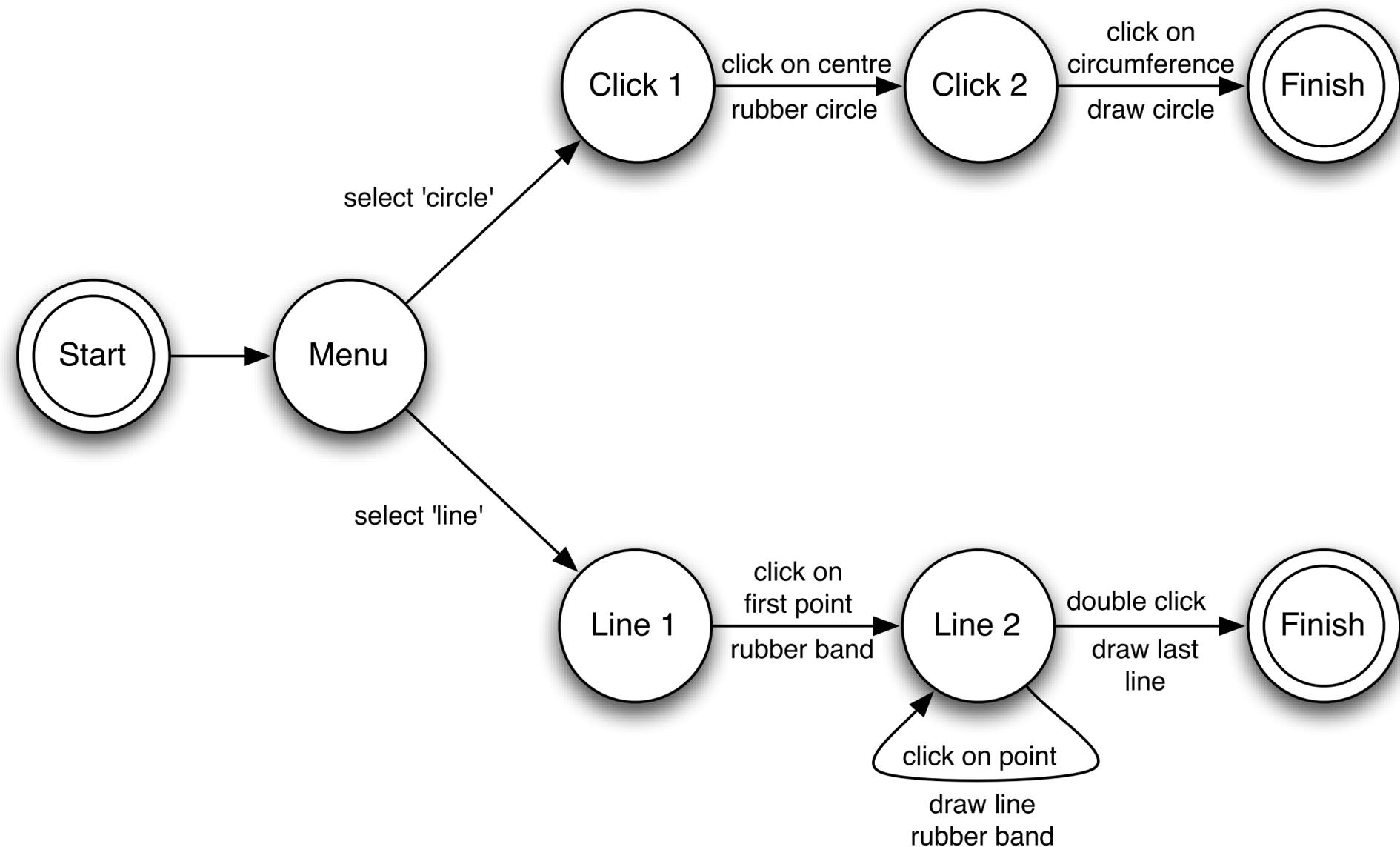


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# Week 11 Content

## Notations

# In-Class Exercise: STNs



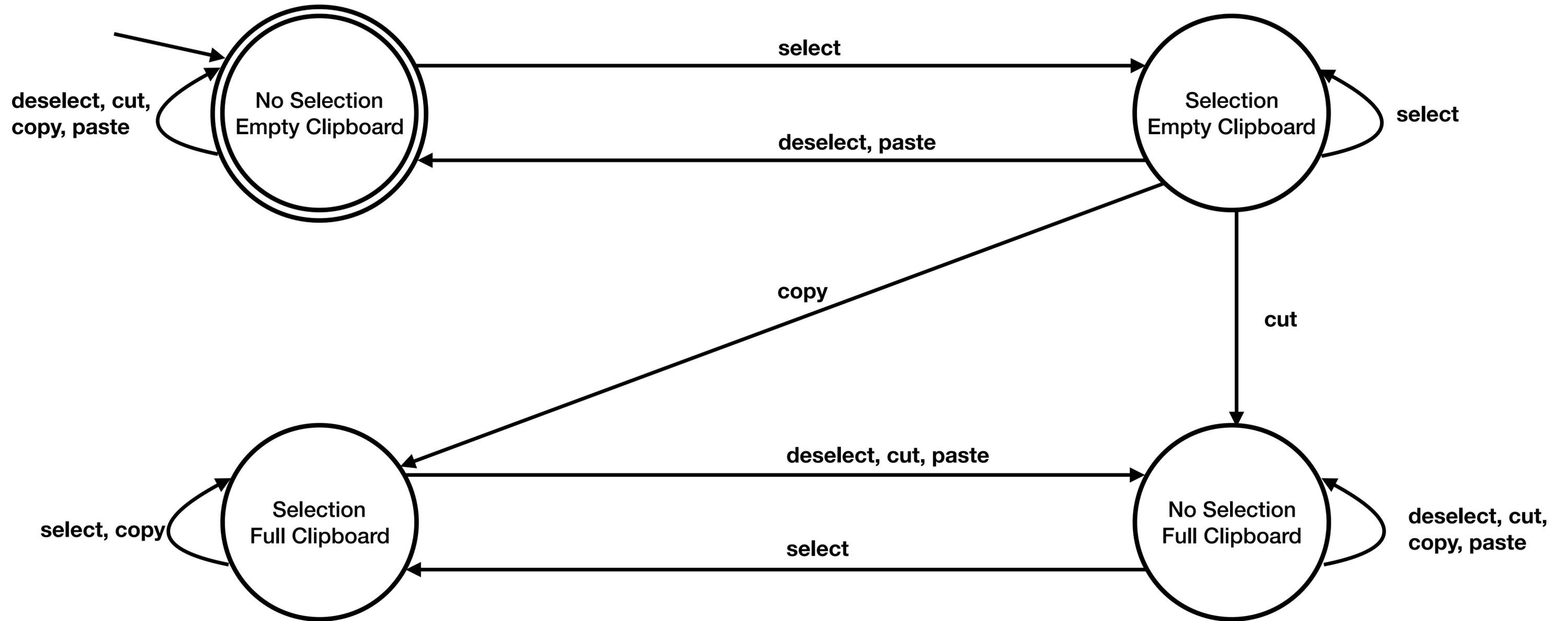
- Draw an STN representing the state of the clipboard and the states of the selection for a plain text editing program

# 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.



# In-Class Exercise: STNs

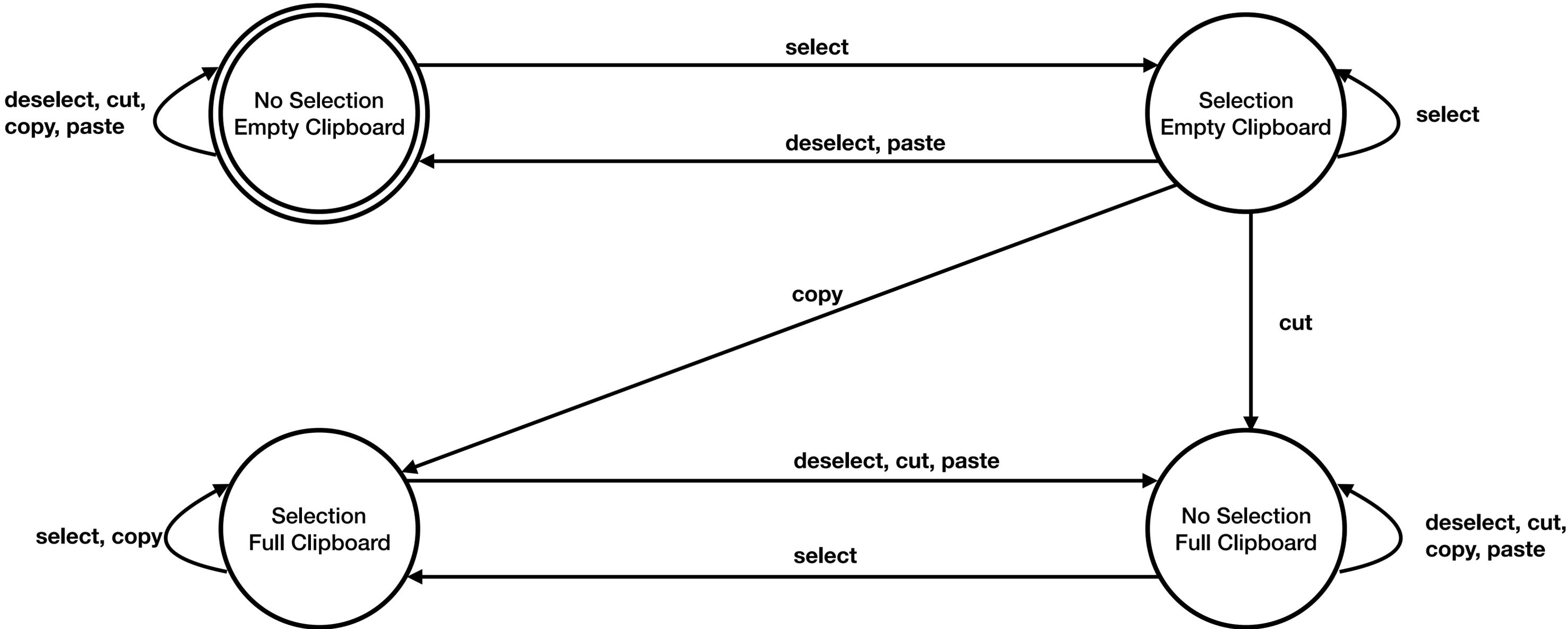


# Week 12

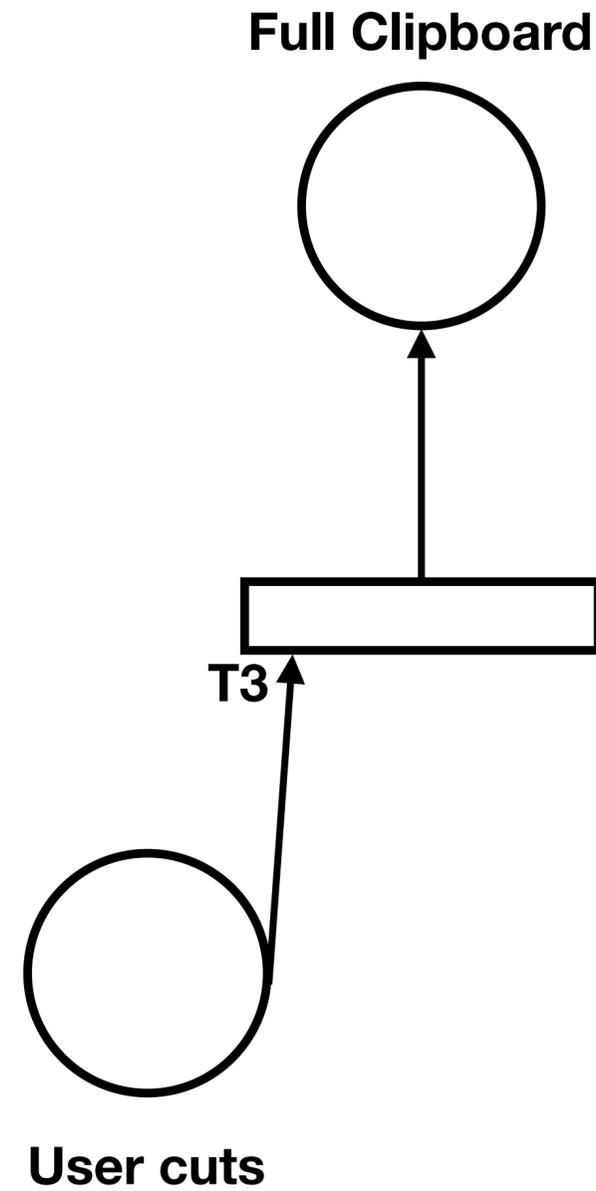
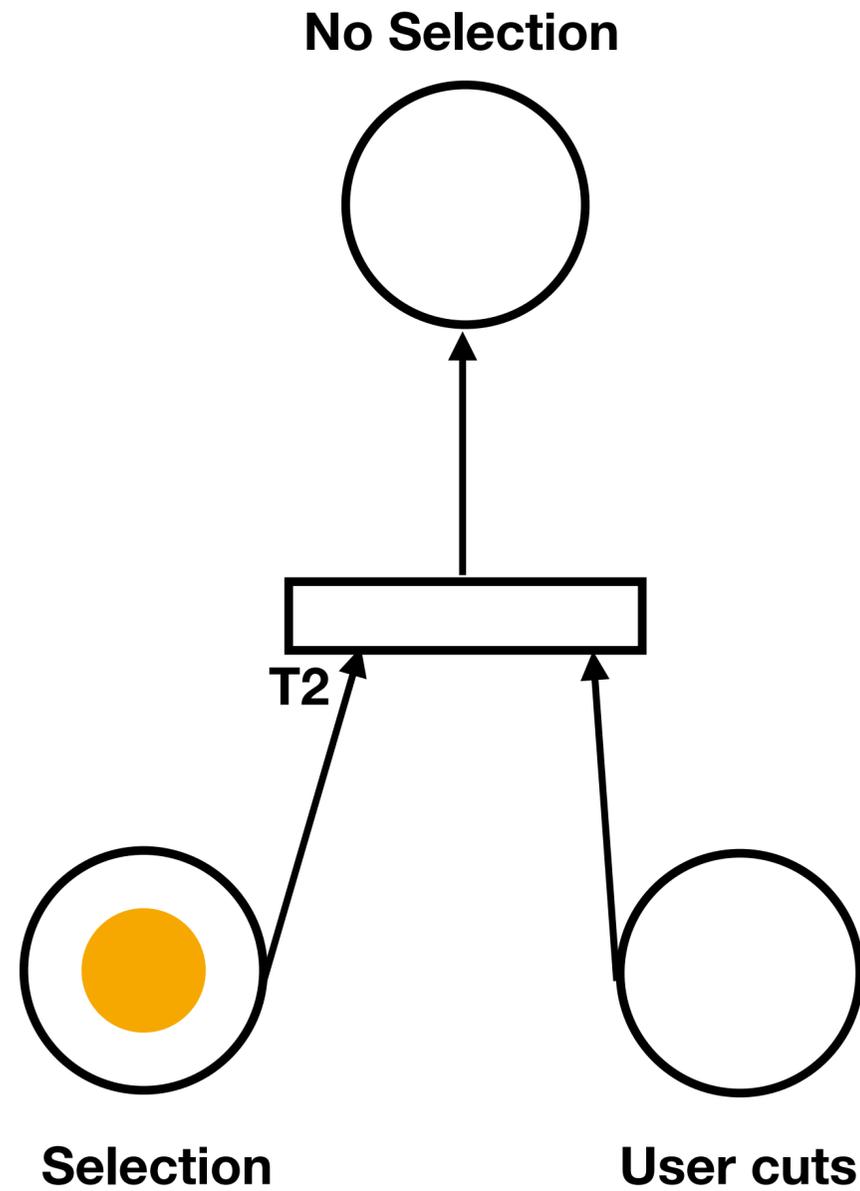
## Notations II



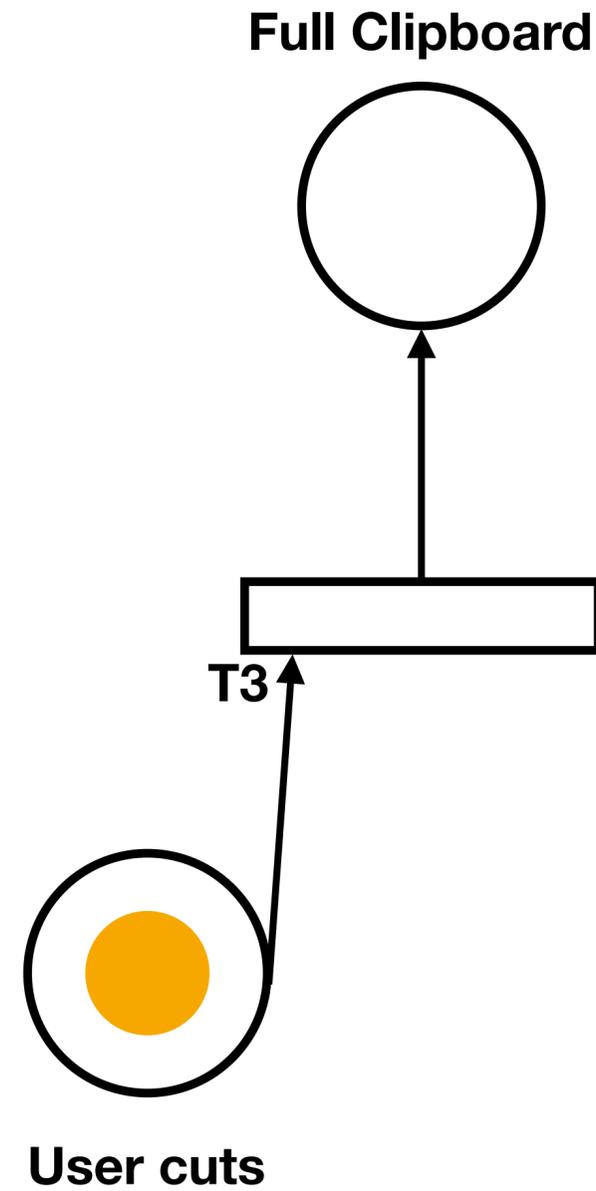
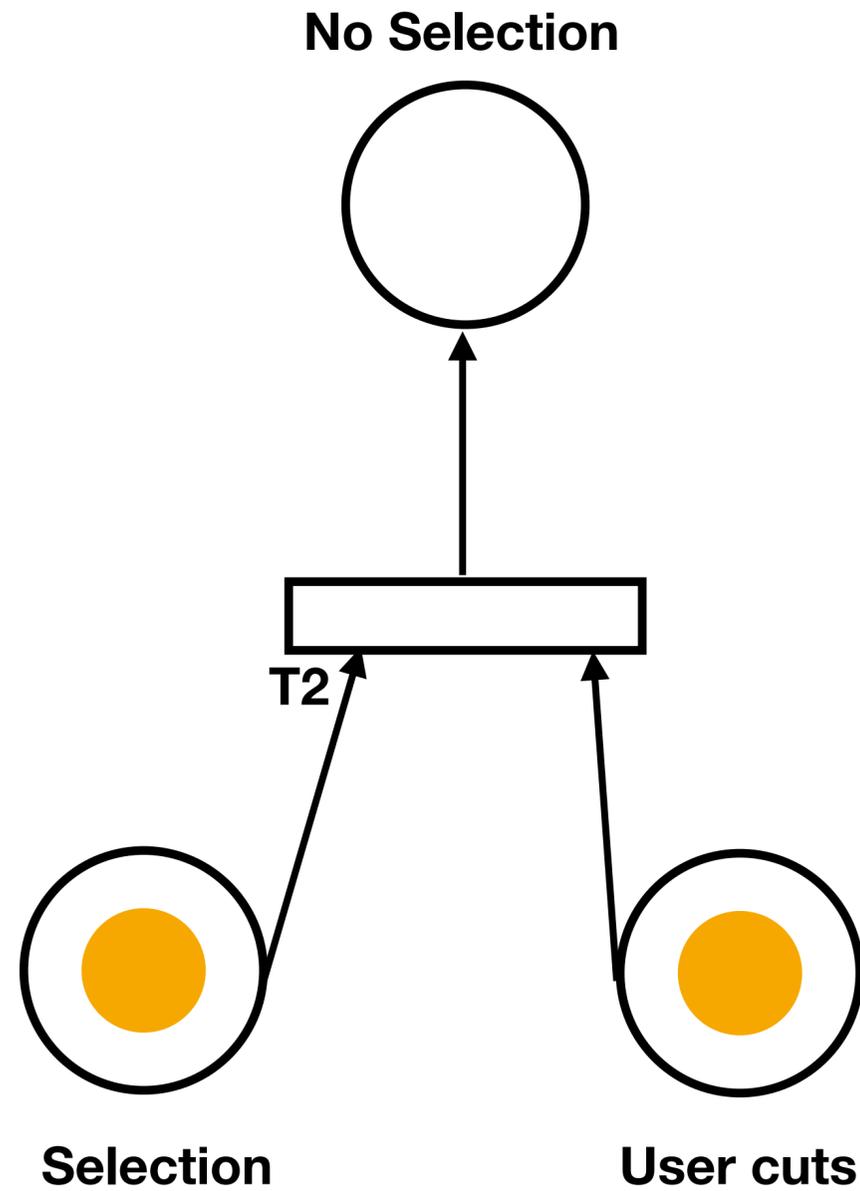
# STN Problems



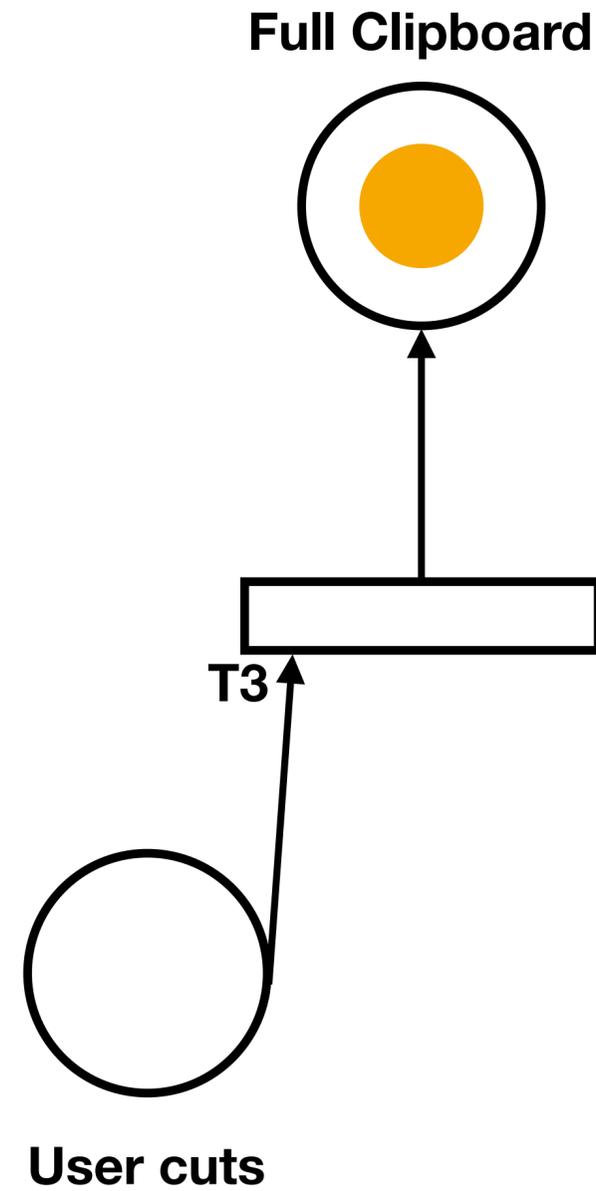
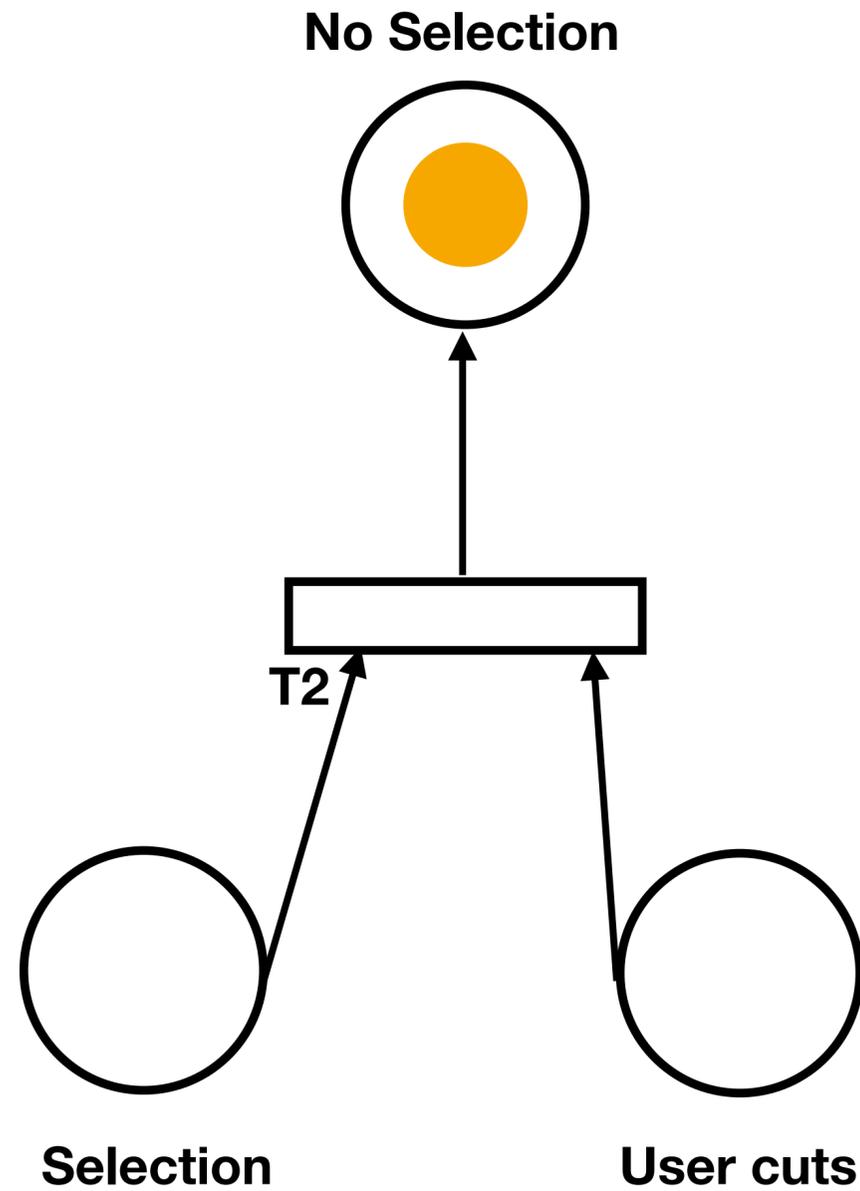
# Petri Nets



# Petri Nets



# Petri Nets



# Video Prototype



# 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!



Re: Agenda

S&S

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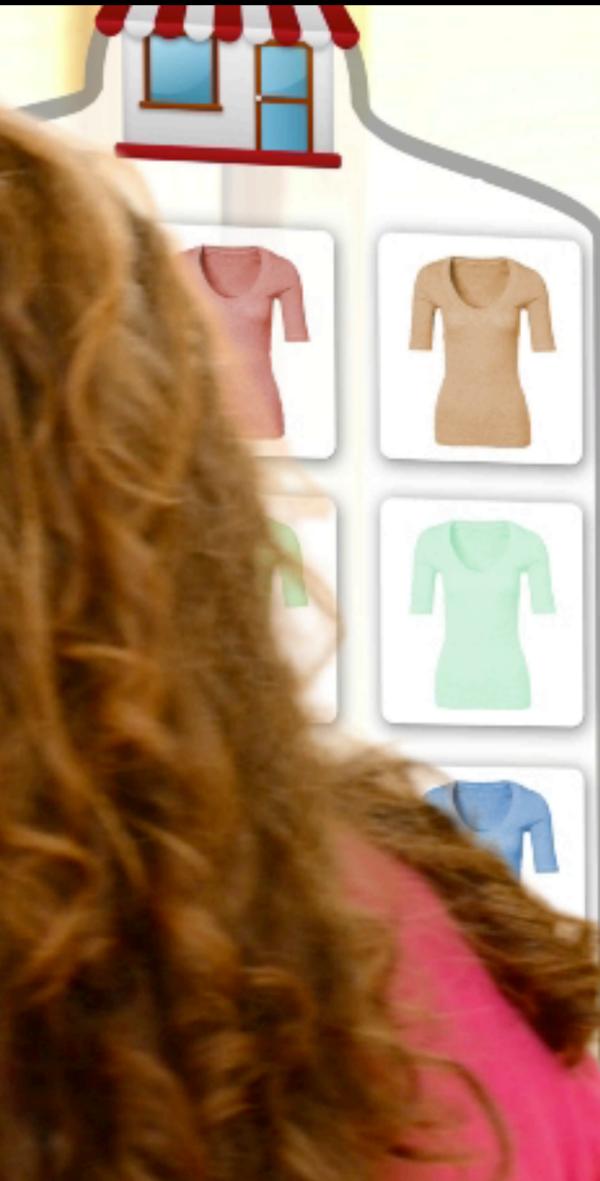


Re: Agenda

S&S

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# EMMA

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# EMMA

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Mobile  
Market  
Assistant







# What Next?

- Before **Friday (Jan. 27)**:
  - Watch Week 12 Content: Notations 2 (Petri Nets)
  - Submit your solution for milestone 6 via RWTHmoodle

