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
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

deselect, cut, copy, paste

No Selection
Empty Clipboard

select

deselect, paste

Selection
Empty Clipboard

copy

cut

deselect, cut, paste

Selection
Full Clipboard

select, copy

No Selection
Full Clipboard

deselect, cut, copy, paste

select
Petri Nets

No Selection

Selection

User cuts

T2

Full Clipboard

User cuts

T3
Petri Nets

No Selection

Selection

User cuts

T2

Full Clipboard

User cuts

T3

Selection

User cuts

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Petri Nets

No Selection

Selection

User cuts

T2

Full Clipboard

Selection

User cuts

User cuts

T3
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!
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