6 Functions

6.1 Sorting

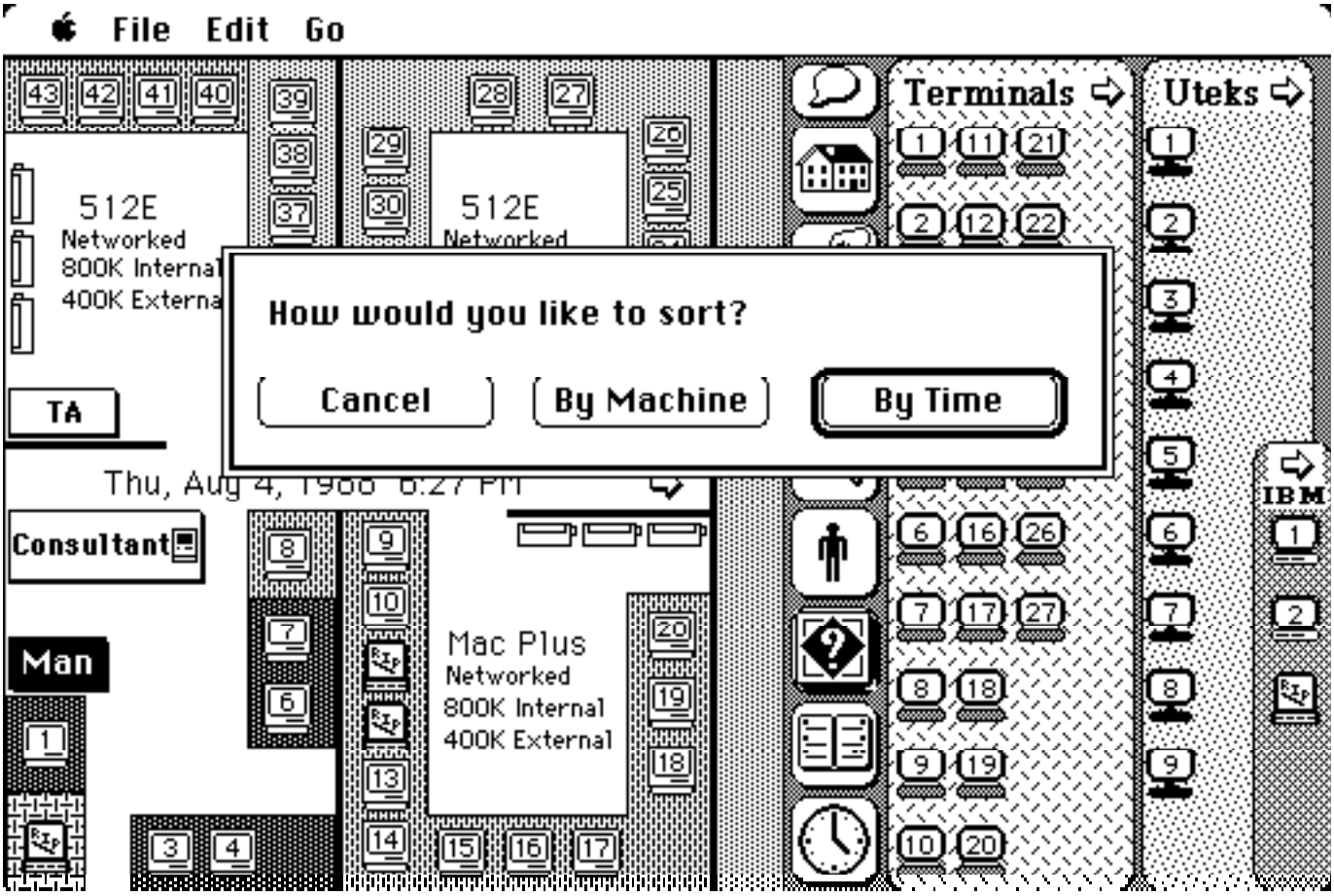

Figure 6.1 Example Alert box for "Sort" request for **Logger** stack

6.1.1 Sorting - Logger stack

Clicking on the **Sort** button on the **CS Lab** card sorts all machine cards, in our lab, for Macintoshes, Terminals, Uteks, and IBM's, by numerical order, or by the length of time that people have been logged into the machines. After clicking on the

button, an Alert box will appear asking "How would you like to sort?" The options will be "Cancel", "By Machine" or "By Time" (Figure 6.1 above). After the cards have been sorted by either method, the user must click on one of the "First Card" Arrow Buttons for each type of machine to go through the machine cards, otherwise, the user will stay at the **CS Lab** card.

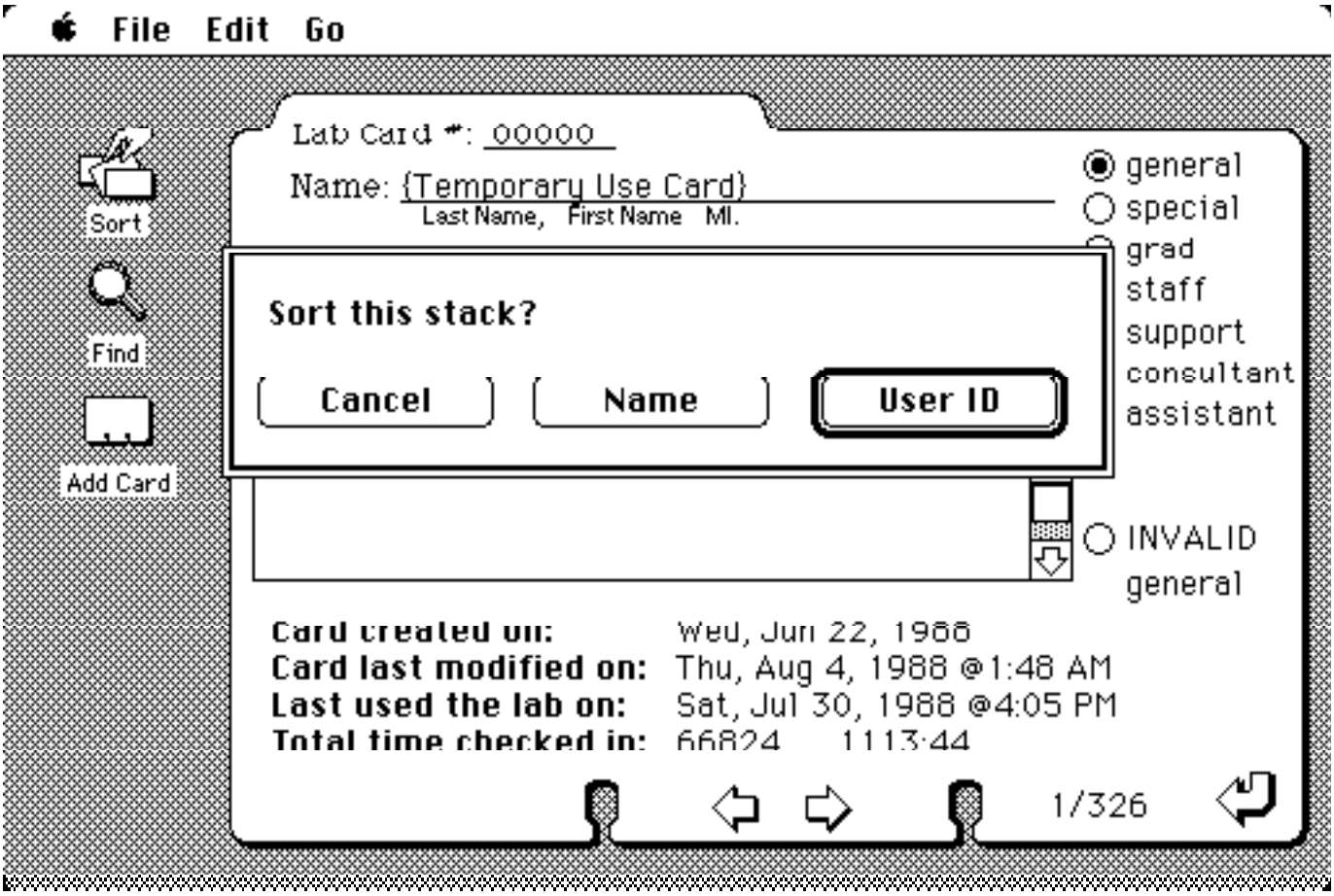

Figure 6.2 Example Alert box for "Sort" request in **Student Database** stack

6.1.2 Sorting - Student Database Stack

Clicking on the **Sort** button on the **Student Database** stack allows the user to sort all student cards by either User ID#, or by Student Name in ascending order. Once the button has been clicked on, the user will be presented with an Alert box asking "Sort this stack?" The options will be "Cancel", "Name", or "User ID" (Figure 6.2

above). After the choice has been made and the cards have been sorted, the first card will appear, whether it be the lowest User ID, or the smallest Last name in alphabetical order.

6.1.3 Sorting -Lab Use Stack

Clicking on the **Sort** Button on the **Lab Use** stack allows the user to sort all **Lab Use** cards in the stack in descending order by the date only, making the first card have the most recent date. There is no Alert box for this function since it can only sort in one way.

6.2 Find

The **Find** function is a standard function of HyperCard. Once the function has been initiated, either by clicking on a **Find** button, by typing ⌘ "F" or by selecting "**Find...**" from the menu bar, it presents user with the message box and lets the user type in a string. Once the Return key is pressed, **Find** will search for the first occurrence of that string in this stack and place a selection rectangle around it. Pressing Return once again will find the next occurrence in this stack. If there are no occurrences of the string in the stack, HyperCard presents the user with an Alert box stating "Can't find '*string* " (Figure 6.3 below).

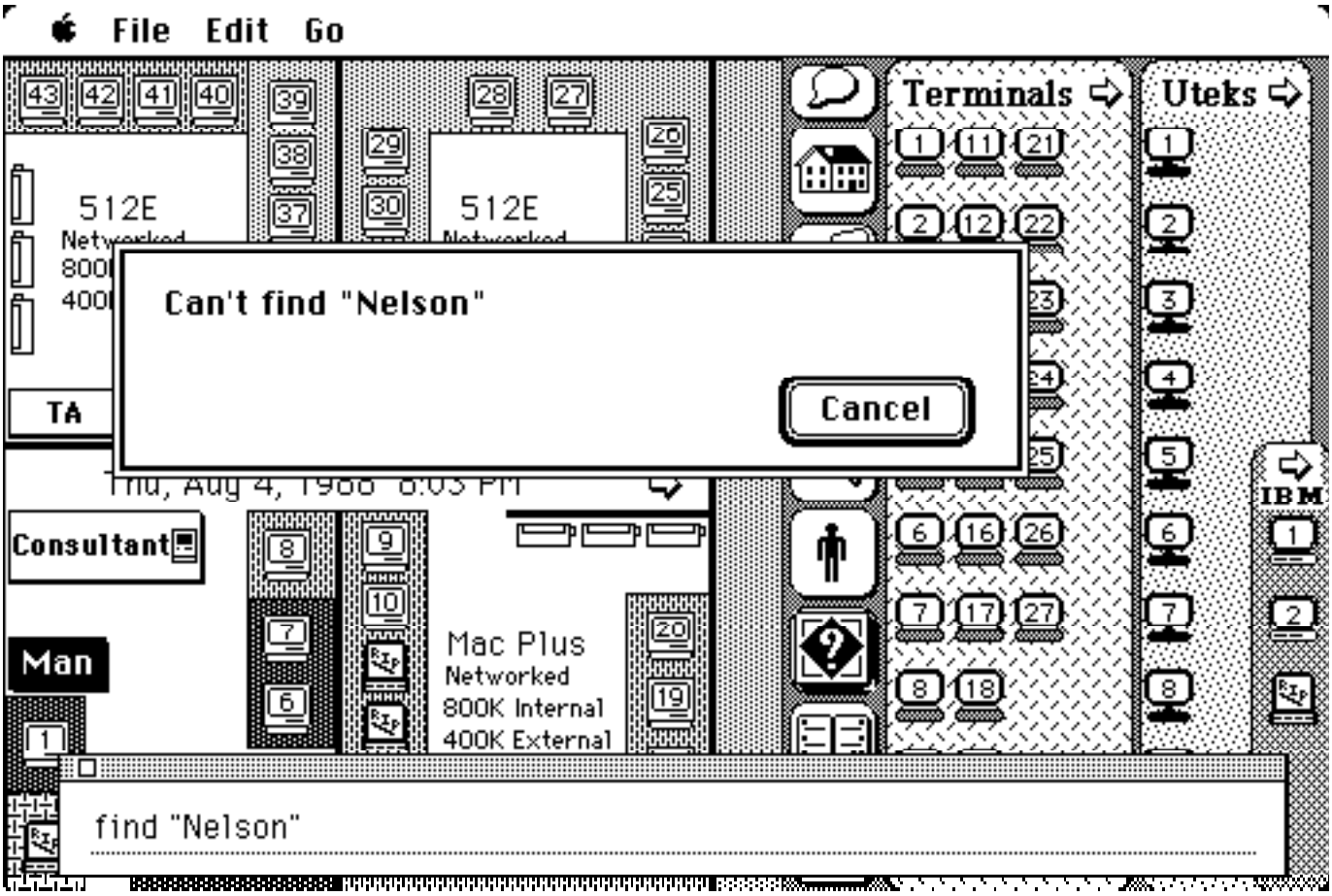

Figure 6.3 Dialog box for **Find** function where string is not found