

Coen 120
Oct 5, 2001
Individual Project



Professor,

I would like to build CD jukebox system. There will be an array of CD's. Users will input, using a keypad, the disk number and track number that they wish to hear. For the purposes of this project and modeling, the users will not physically see CD covers. Instead they will be presented with a menu (list of artists) from which they will be able to select any artist and then view that artist's individual albums on another submenu. Each album title will then have one more sub menu where the individual song tracks will be displayed.

If possible I would like to actually record a sound sample on a ROM chip and select it from the menu system and actually play it through some mini speakers that I will incorporate into the design.

make sure that the user can queue in a number of requests and that the jukebox will play all of the queued requests.
There may be a driver available for VxWorks to drive a sound card. You can use the floppy disk to store the songs.