Lab 4 Design

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FSM:

Pseudocode:

Shell script executed

User is prompted with a menu to press a key which will install the linked package or quit

If the user presses 'Q', the script will exit.

If any of the options to install a package are selected, the script will first create a user called "Player1" if it is not already created and set a password.

If 'A' is selected, the script will install, start and enable the httpd setting the proper -y flag and inputting a password when prompted to.

Once enabled, the script will edit permissions on the userdir.conf file and edit the file to comment and uncomment lines regarding UserDir disabled and UserDir public\_html.

The changes are saved and a public\_html directory is created in the users directory.

The script then changes permissions within the users directory and creates a passwords directory.

In the password directory the script will set a htpasswd for the user and restart the system.

If 'N' is selected, the script will install nfs-utils.

It will then create a sample text file used for testing purposes to check on another machine later.

Then, it will modify the exports file and save it.

It will then restart nfs and run exportfs -v and prompt the user instructions on what the other linux machine should be doing to ensure that it is connected to the server.

If 'S' is selected, the script will install SAMBA.

Then it will change file permissions on smb.conf, edit the file and save.

The smb service is then enabled and the smbpasswd for the user is set to the users account password.

The smb service is now started smbclient is ran in anonymous mode.