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Program #4 Algorithm

This program will help us to manage all the different links or appointments that we need to keep track of in order to be successful with a course. First, this program will give the user a brief explanation about what this code is about. And then, the program will collect the information from the user about the name of the link, the link itself, the reason for the link or appointment, the amount of time I need to allocate for this activity, if it involves other information, and other important information.

The program will first show the user about the list of categories that the user can type in for each link or appointment. Then the program will ask the user to enter the name of the link. It will prompt the user if the user input is correct. And then it will ask the user to enter the link itself. Again, it will prompt the user if the user input is correct. Then the program will ask the user to enter the reason for the link or appointment, the amount of time I need to allocate for this activity, if it involves other information, and other important information. Each step it will ask the user if the user input is correct.

All these collected informations will be stored under a class for one link or appointment and the user can type in more links or appointments as many as the user wants. It will ask the user if the user wants to add more links or appointments. If the user wants to enter more links or appointments, it will repeat the process. It will repeat the process until the user wants to quit. All the links or appointments that the user typed in will be stored in an array of list.

When the user is done with typing in links or appointments, the program will display the number of links or appointments. And then the program will ask the user if the user wants to search certain link or appointment. If the user does not want to search, it will skip this process. If the user wants to search, it will ask the user to enter the name of the link or appointment. If there is a match, it will display the name of the link, the link itself, the reason for the link or appointment, the amount of time I need to allocate for this activity, if it involves other information, and other important information for that link or appointment. If there is no match, it will display there is no match and it will ask the user if the user wants to search again. If the user does not want to search again, it will skip this process.

After searching segment, the program will then display all the links or appointments that the user typed in with its sub-categories for each link or appointment. And then the program ends.