

Cameron Ulrich

Project 2 Proposal

Software Dev 1

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For the Project 2 proposal I plan to create a program that asks the user to create a username and password. It will then store that data in a file so that even when someone was to rerun the program, it still has that user's username and password stored. In addition, the program will ask the user some security questions so that if they lose their password or forget it they can recover it. The program will ask questions like when was your birthday, what is your father's middle name, what was the name of your first pet etc. It can also return the user's password half hidden. For example, if the user's password is "password" then as a hint it can return to the user something like "Your password looks something like this *****ord" I can have the program also have the user type in their email address to recover their password as well. There will be an option to reset/change their password by having the user type in their old password and then their new one. When the user types in their correct password and username the program will let the user know that they have correctly typed in their username and password. However, if the username is wrong then it will return that the username is wrong. If the password is wrong then it will return that the password is wrong. The program should also check if the email address is valid as well. It should send a confirmation email so that the user sees that the program is in working condition. If a username is already taken the program should check that in the files and then let the user know that it can't use that username because it is already taken.