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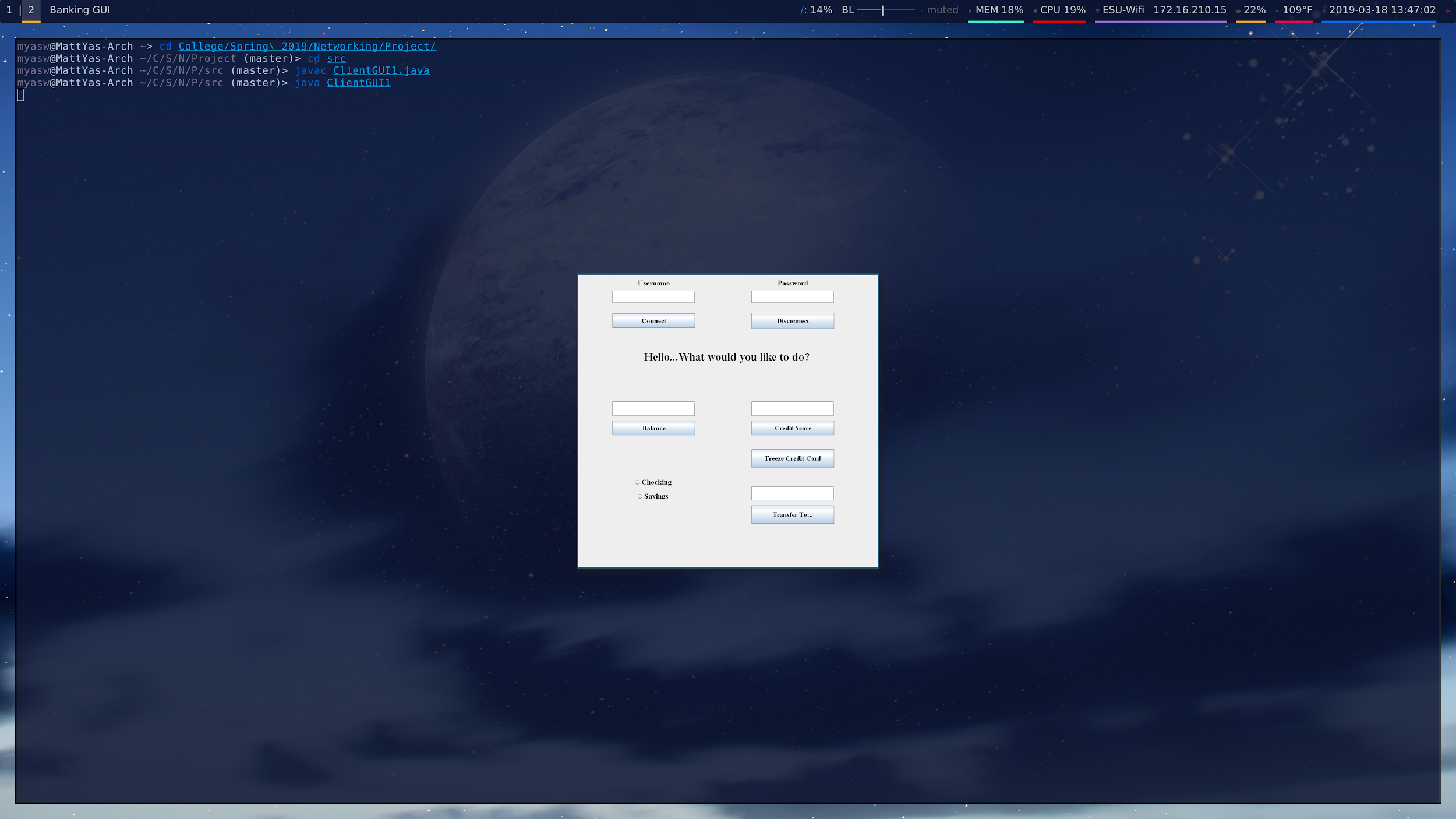
Dr. Kimm

Networking

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The Banking App

This project is going to be a banking app mainly geared toward mobile use, as well as use at an ATM once more features are added. A user will be shown a GUI where he or she will have two accounts: Checking and Savings. The interface will be filled with text fields and buttons for people to display values and enter values. Some of the buttons include Balance, which will display the balance of either the Checking account or the Savings account. The balance will be displayed in a text field just above the button. Another button is the Freeze Credit Card button. This will freeze a user’s credit card when the button is pressed. Another button is the Transfer to… button. This will allow for funds to be transferred between the user’s Checking and Savings account, and the user can specify where the want the funds being transferred to, which means that money will be taken out of the other one. A GUI is shown below.



The user will be able to log in with the Username and Password at the top of the GUI. Once this is done, a message below these boxes saying “Hello [name]. What would you like to do?”

A flow chart visualizing the way the server-client model works is shown below.

