How I did it:

First, I installed Ansible.

And then in the ansible.cfg file, I added pipelining=true to basically enable anisble playbooks. I then configured the hosts file with saclass, containing all the machines with saclassDebian and saclassRocky also being added containing their respective machines. Then I created the dmuserplay playbook that set all the parameters for the groups and users. Basically how I did this is I used the already created modules: ansible.builtin.user and ansible.builtin.group. Thos attributes in those modules allowed me to check every user and group and set the attributes accordingly to make sure all the info was the same on all machines. Debian and Rocky hosts were separated but the only change in the code was checking for either wheel (Rocky) or sudo (Debian). It was just a couple of simple loops going through all the info and everything was added into the dmusers.yaml file.

For the umask.yaml playbook, I used the built in module ansible.builtin.copy. It was a very simple playbook; I simply gave the src and dest of the file which was the same because the file is in the same place on all machines. Group and user ownership was set to root with the owner and group flags. File permissions was set accordingly with the mode flag.

Time taken on assignment:

12 hours