1. Consider the Laundry Card Vending Machine System in HW#5 (Secure System Engineering), draw a Use Case diagram for the “Customer” actor, combined with Misuse Cases (use the sample diagram in the slides as example).

2. It is well known that general UNIX systems do not have a fine-grained user access control mechanism. In this exercise, briefly evaluate the user management under UNIX with regards to the security design concepts (Defend in depth, Compartmentalization, Least privilege). Then provide a high-level design of how you would design such a system.