

Any changes that you made to the proposed design and how they continue to support the requirements:

Not so many changes but there are a few things needs to be pay attention to when use the program.

1. There should be two input script file, when run the program in terminal, first the authentication script, and then housesetup script, housesetup script should contain log in info in the form of

```
"login <username> <type:password/voice_print>  
<password/voice_print>"
```

2. The log out of a user is automatic when the program ends or another user logged in.

Did the design document help with the implementation?

Yes, the design document helps me to have a good overview of the problem.

I can concentrate on coding easily by just following the design, and not need worry more about if this implementation does not fit to other part of implementation.

How could the design have been better, clearer, or made the implementation easier?

The design can be better if I try to reduce the dependency between classes in previous assignment .

Did the design review help improve your design?

Yes, the design review help me figure out how to use visitor pattern to traverse the Entitlement Domain Classes.