

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

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

1. When the controller ask user if he want more beer, it requires the user to enter "yes" or "no" in the command line.
2. The camera will check if the occupant being added to the system already, and then put it into the KG. Otherwise, it warns there are unknown occupant.
3. The KG only updates its information when camera detects the user, that means a set camera command has to be used in order for KG to update.

**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 know more design patter and their pro and cons in advance.

**Did the design review help improve your design?**

Yes, I added an observer pattern after the design review. It also points out one of the mistake that I made on the class relationships This helped me understand composite relationship better.