

I want to see a **detailed** review based on what you have learned and understood. I know you are still learning all of this but this is supposed to give you practice in reading and understanding designs and also to see other possibilities in designing the system.

Just giving yes/no answers or almost not information will not give you full points here. I want to be able to see you spend time on this and tried to help as best as you could. Upload this to the groups private review Slack channel.

Does the design model (all diagrams together) fulfill the requirements from the Gym notes? What requirements might be missing or wrong?

Yes, the design model fulfills the requirements from the gym notes. The credits in the client might need to be separated into two different attributes. In order to differentiate between the free and paid for ones.

Does the design model (all diagrams) use the correct syntax? Which of them do not, what do you think might be wrong?

Yes the correct syntax is used. I think the multiplicity between Login:Client should be 1:1 in the Domain Class Model.

Does the design model use the correct level of abstraction? If so why, if not where did the group go wrong?

Yes these look good.

Are the diagrams consistent and form one design model?

Everything looks good as far as consistency.

Errors found in the model:

I think the Administer Belt Sequence Diagram should include the belt color as an argument.

The Remove trainer, client, and and administer belt sequence diagrams are missing an explicit guard condition. I assume it is an [else].

Some of the scenarios don't show which actors are associated with them.

Potential for improvement:

The owner class might want to inherit from the trainer.
“The owner shall have all the privileges a trainer has (see Trainers requirements)”
I don’t think Belt should be a class.

Your opinion about the design:

The design looks like it fulfills the requirements and doesn’t add any unnecessary functionality.