

Task 6: Progress report

A brief summary of your specification, CRC model, scenario walk-through, and skeleton program,

Our specification is about how a user with a username, passcode and email login, and he can choose to do things about grocery or the recipe, he can add ingredients into the user's fridge by choosing grocery, or he can find a recipe by choosing recipe. After all, the user can exit.

Our CRC model has 6 CRC cards, 3 entity classes called User, Ingredient and Recipe. 3 use case classes called UserManage, RecipeManage. 1 controller class called MealsSystem.

In the scenario walk-through, we demonstrated the process of how the ingredients are stored into the user's fridge and how the information collected from the user interface gets processed in the use case classes.

In our skeleton program, we packaged the classes by layer (clean architecture) and we defined some essential instances and methods each class should have.

Open questions:

Our group is struggling about whether we should build an entity class of the list of entities, like the entity User and User List. One of the group members said that we could build the list of entities inside the user case class, we argued about it for a while, and finally we found two approaches that can make the project compile and run.

what has worked well so far with your design,

Basically, we work through all of the parts smoothly. Our design is very simple and also close to daily life. The design will be easy to resonate with, so we can understand the project and others' ideas quickly depending on our experience. And for the design of the codes, we focused on the two Clean Architecture files provided by the professor and got used to all the structures of the four layers of a system. For now, our project can make user login, and add the ingredient to the user's fridge. We are still going to improve our project, there are several functions we haven't written.

and a brief summary of what each group member has been working on and plans to work on next.

Ron

I have discussed with the group about our program functionalities, the CRC cards, and I have worked on the skeleton program, scenario walkthrough, and unitTest cases. I plan to define more interfaces in between classes and achieve more abstraction next. And of course our main upcoming focus will be to fully implement the classes and functionality we defined in our skeleton program.

Adam

I did not do much beyond sitting in for some group meetings for this phase due to personal reasons, though I plan on compensating moving forward by contributing much more work. I think what I can work on next is helping in properly implementing the skeleton code that Daniel and Ron worked on, as well as helping with whatever else my group members might need done.

Daniel

I wrote a slightly different version of the project, it's not being used for now, my codes can be compiled and run, our group may use part of it to improve our codes in future. I contribute to the completion of task 1,2, 5 and 6. I am planning to complete the use case class for recipes, and improve the user interface.

Madeline

I participated in group meetings to finish up the first few tasks but was not active in writing the skeleton code as I am still catching on materials for this course. I plan to discuss further with members to get a full grasp of the details and help implement and improve the skeleton code.

Arya

In this phase, I contributed by helping in the first three tasks. By attending group meetings and engaging in discussion, I helped shape the initial domain, hashing out the finer details of the idea along the way. I also helped in the development of the specification as well as the CRC cards. In future phases, I plan to pull my weight by engaging in more of the code implementation and helping my team.

Antony