Group Meeting 4 with Jesús

13/12/2023

First we showed the UML class diagram where we have added methods and return types. We also added the manager classes for all the classes.

Feedback on this is that we need to move the multiplicities to be closer to the class, so it is more clear, for example with the bi-directional arrow it is a bit confusing because there are two multiplicities both sort of in the middle.

In the UML class design diagram, the type should not be inside of brackets.

As for the process report we need to put the task division into the process report but also we should write per person what they have to do during the week and what they have done.

After that we showed the code that we have so far, since we started implementing.

There has to be a possibility to edit the rules because the admin might need to add/delete rules so this is something that needs to be added to the rule class.

As for some other parts of the code we got feedback that it is a bad habit to start with the property, instead one should start with the private data fields.

Every time you add a property you add a getter and a setter, etc. If you make it a habit of starting with the properties then you make the public getters before you know what you need them for.

If you do need the getters later then you can always add them but start with the private data fields.

➔ Encapsulation

Basically start private, start very stingy and then start making public when you really have to.

Additionally there should be a change in the method regarding the completion of a task.

This method should check first, it should be 'false' and then you can throw an exception

And of the task is actually not finished then you can change it to true, but then it should never be possible to change back to false.

There might be temptation to set the setter public but that means that the task loses control about the fact that it should only go form false to true and never back.

We should not use certain 'linq' terms, loops are a learning outcome so it is better we write them out. The more loops the better, essentially.

The teacher asked why is the 'to.List' there? it is already a list (this is in task manager class)

It would be better to change the list to an array when you change it back, to make sure that the list remains private. Modify the array doesn't change the list.

It is also important that we change the names of the Forms to resemble their respective content.

Other comments:

We should add the group name to the agenda and with whom the meeting is

And we should email everyone with the agenda instead of only the teacher.

In git the documents need to be pdf documents, they should not be in word.

We should also make folders in the GitLab repository to organize the files/data.