

Lab 3

In this last lab, we should work on the Persistence Ignorance. The goal from working on this lab is to understand the repository pattern and the service layer pattern. Also, we should understand why it is important to separate business logic from data storage techniques.

Introduction:

In this lab, we're going to use a non-database strategy while implementing the Repository Pattern. More specifically, we will define a repository class called PickleRepository. As the class name indicates, this class will use a pickle file as the infrastructure. In the code given in the lab, we should replace the pass in that class with suitable statements. We thought that this will be quite hard because we aren't good programmers in this kind of problems.

Materials and Methods:

In this lab also, we should work as a team. We did not give a responsibility to each one; however, we worked on any part of the lab together because we all should know how to work on software architecture labs. Also, we used Windows instead of Linux.

Results:

The hypothesis that we thought about at the beginning of the lab was true because every time, we receive a new lab, we had to pass a lot of time in order to understand what the lab is about. Studying online is difficult because we can't assist to the lab classes also, we are not able to ask questions during the class.

Discussion:

Even after two more days, we weren't able to find a solution to this lab. We found it difficult. Maybe because we are studying software architecture online. We really wish to get the correct codes in order to learn from our mistakes.

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