

[Gabriel Oliveira]

[Personal Report]

Module Title: Object Oriented Constructs

Project Title: CCTZoo

My tasks were mainly coding, with Marcos' help, we've developed a well structured system where it can simulate a operating system for a zoo

I contributed into managing the project with a git repo, instructing my teammates how to use it properly and we achieved success

Also, I contributed with big part of the design of the Animal class, Subtype, Keeper, and SetupDataHelper and SetupDataUtility

The main challenge to me was designing a proper Animal class and the use of the interfaces, which still is quite unclear to me

Some aspects of the system could be different, we could have implemented a proper DAO design patter to represent the data, as time was critical, we decided using a more simplistic way to go with the data

If we had used DAO, we could externalize the object into a JSON, helping us separate data from code, improving code maintenance

It was pleasant to me working with my teammates and improving my knowledge of Java