

Protocol Intermediate Hand-In MCTG

The setup of the project began with the creation and implementation of basic classes for the application. Classes such as “User”, “Card”, “Monstercard” (which would then inherit from “Card”, which should probably later on during development be changed to function as an enum for “Card” for simplicity’s purpose) were created and given basic functionality.

The project makes use of Git as version-control. A remote repository was created using GitHub, for which the link is provided in a .txt file.

While the general structure of the project is still heavily WIP, the program is generally layered into two big sections right now, those being the application layer and the server layer.

The server layer contains an implementation of a REST server, listening to incoming clients and handling HTTP Protocol requests and responses. The server was mainly integrated using the templates provided as part of the moodle course, but modified to function within the application as a whole. Even though it is far from perfect, the general functionality exists for now.

Classes such as UserService, such as in the application layer, provide functionality as to how the requests from the CURL-script provided by the course are handled to create (in this case) a new instance of a user with the provided body, making use of a dependency to ease the dissection of the requests and mapping it to a new user.

Overall, the project is still far from ideal, but the general idea of a REST-server was tried to be implemented as best as possible on a very basic functionality.