**Notice I didn’t implement UVF**

The application was and tested all on python 3.9

Firstly the application layer format of the packet is done via a system in the header, with each field being separated by a newline or ‘\n’

Firstly, the first field is the command field, it can contain wide variety of items such as:

* “user credentials request”
* “blocked”
* “wrong password”
* “login”
* “EDG”
* “UED”
* “SCS”
* “DTE”
* “AED”
* “OUT”
* “UVF”

The next field is the response type field, it usually hold items such as:

* “success”
* “error”
* “blocked”

Both the client and server have their separate helper files.

This assignment would have been a lot easier if I had just planned out the design for the server, and the packet structure. Like it all works, but this is probably the worst code I’ve written outside of COMP1511. A proper structure would utilise a more organised structure of class and inheritance for the commands on both sides.