**Project 2.7 planning**

Request response planning – commands:

DIR:

Request: DIR <directory path>

Response:

<directory path>:

Folder contents

DELETE:

Request: DELETE <file path>

Response: Deleted - <file path>

COPY:

Request: COPY <file to copy path> <file to copy to path>

Response: Copied <name of file to copy> to <name of file copied to>

EXECUTE:

Request: EXECUTE <software>.exe

Response: <software>.exe is running

SCREENSHOT:

Request: SCREENSHOT

Response: screenshot located in <screenshot path>

EXIT:

Request: EXIT

Response: Disconnected

**Protocol planning**

Server->Client: len|msg

Protocol from client to server:

Format: len\_of\_msg|command|args

Explanation:

Len\_of\_msg:

the length of the entire message so the server will know what to expect.

Command:

The command from the client

Amount\_of\_args:

The amount of arguments given from the client

Args - arguments:

The arguments from the command if there are any.

Protocol server to client:

Format: len\_of\_msg|was\_successful|msg

Explanation:

Len\_of\_msg:

the length of the entire message so the client will know what to expect.

was\_successful:

tells if the command execution was successful

msg:

the server return message – error/return message