

# Accepted Commands

## Server Phase 2

All successful responses return with the prefix '1#'.

All unsuccessful responses return with the prefix '0#'.

After initial connection has been established, the server will send a greeting response to the client as the following string:

```
1#Please enter your UserID.
```

## Help

Command: HELP

Help returns names and descriptions of all accepted commands. The response is formatted as a string.

Example:

```
1#Help - Lists accepted commands and descriptions.\nQuit -\n        Disconnects the client and server.
```

## Quit

Command: QUIT

Quit disconnects the client and the server. It will return a response prior as such:

```
1#Disconnecting.
```

# Register

Command: REGISTER

Registers a user with the server, as long as the user is part of the accepted list. Returns an informative response as a string as follows:

If successful registration:

1#<User> successfully registered.

If previously registered:

0#<User> has registered previously.

If failed registration:

0#Unable to register <User>.

# MyInfo

Command: MYINFO

Requires the user to be registered.

MyInfo returns the information about the user client listed below:

- Full Name in the format of "FirstName LastName"
- Age, an integer between 18 and 22
- GPA, a float number between 2.5 and 4.0
- IP Address, the IP Address where the client is connected from

This information is formatted as a string, with each piece of data delimited by '#'.

Example:

1#Robert Krenzy#20#3.2#123.456.7.8

If User is not registered, this command returns the following string:

0#Command requires registered user.

# OnlineUsers

Command: ONLINEUSERS

Requires the user to be registered.

OnlineUsers returns a list of currently active users, delimited by '#'.

Example:

```
1#kre1188#chen#ste4864
```

If User is not registered, this command returns the following string:

```
0#Command requires registered user.
```

# RegisteredUsers

Command: REGISTEREDUSERS

Requires the user to be registered.

RegisteredUsers returns a list of currently registered users, delimited by '#'.

Example:

```
1#kre1188#chen#ste4864
```

If User is not registered, this command returns the following string:

```
0#Command requires registered user.
```