Documentation for user interaction

Address: <http://api.ccskyview.com/user.php>

To register a new user

You will need to make a post request to the address above with the argument **mode = generateSalt**. This will then return a randomly generated salt, which you can then use to hash the password. Next, you will need to hash your password in the way sha256(password .. salt). This will be referred to as the password from now on.

Next, make a post request to the address with the arguments **mode = register**, **username = Username to register, salt = salt previously generated, password = hashed password from before, email = email address to be registered with username (optional).**

This post request will return a JSON table that will contain your session login key and the user ID. 

Figure 1: The returned table after registering a new user.

To login as a pre-existing user

You will need to make a post request to the address above with the argument **mode = login.** The required parameters are as follows: **username = username you want to login with**, **password = password hashed with salt.** This salt will need to be acquired through the **mode = getSalt** function. For this, **username = username you want to get the salt for**.

The table returned for this method is extremely similar to the one returned from the register function.

Please note that after logging in, the unique code will only be usable for 24 hours from the registration time. After this, you will need to login again.