

Client Request	Server Response
login(username,password)	<p>success, message</p> <p>success is either 0 or 1. If its 0, then message will contain an error message. Otherwise it will contain a success message.</p>
getAll()	<p>success,[mean_temp,mode_temp,median_temp,variance_temp,standard_dev_temp],[mean_light,mode_light,median_light,variance_light,standard_dev_light]</p> <p>success is either 0 or 1. If its 0, then the mean will instead contain an error message and there will be no other parameters. Otherwise, mean will be the mean of the data.</p> <p>mode the mode, and so forth.</p>
getRawAll()	<p>success, [temp1, light1, timestamp1], [temp2, light2, timestamp2] ...</p> <p>success is either 0 or 1 as before. If 0 then there's an error message in the other argument.</p> <p>temp is the recorded temperature reading of the entry.</p> <p>light is the recorded light reading of the entry.</p> <p>timestamp is the number of milliseconds since 1 January 1970 (see Javas currentTimeMillis() method).</p>
getGroup(group_id)	See getAll
getRawGroup(group_id)	See getRawAll()
getGroupIds()	<p>success, [groupid1, groupid2, ...]</p> <p>groupid the group id, eg, 10</p>
sendData([heat1,humidity1,timestamp1],[heat2,...],...)	<p>success,message</p> <p>success is (as before) either 1 or 0 depending on whether your query worked.</p> <p>message will display either a "success" or "error" message, relevant to whatever the value of success was.</p>
getLogs()	<p>success, [user1,action1,time1],[user2,action2,time2]...</p> <p>success is just 0 or 1, if 0 then err message in next argument.</p> <p>user is the username of the person committing the action.</p> <p>action will be either "uploaded n entries from m" or "downloaded n entries from m" where n is the amount of entries, and m is the group (or all).</p> <p>time is the number of milliseconds since 1 January 1970 (see Javas currentTimeMillis() method).</p>