

/users/account

Location	http://www.avarizia.duckdns.org:8080/temp_cgi/users/account		
Description	Gets an account object from the database.		
Parameters	<u>Name</u>	<u>Type</u>	<u>Description</u>
	username	String	account username
	password	String	account password
Response	Account JSON Object		

Example Input	username player1 password password
Example Output	{ "email" : "fake1@email.com", "id" : 3, "joinDate" : "2016-04-08 20:20:24.0", "lastLogin" : "2016-04-29 17:27:21.0", "username" : "player1" }

/users/login

Location	http://www.avarizia.duckdns.org:8080/temp_cgi/users/login											
Description	Determines whether a username and password matches an account in the database.											
Parameters	<table><tr><th><u>Name</u></th><th><u>Type</u></th><th><u>Description</u></th></tr><tr><td>username</td><td>String</td><td>account username</td></tr><tr><td>password</td><td>String</td><td>account password</td></tr></table>	<u>Name</u>	<u>Type</u>	<u>Description</u>	username	String	account username	password	String	account password		
<u>Name</u>	<u>Type</u>	<u>Description</u>										
username	String	account username										
password	String	account password										
Response	Success or failure JSON											

Example Input	<table><tr><td>username</td><td>player1</td></tr><tr><td>password</td><td>password</td></tr></table>	username	player1	password	password
username	player1				
password	password				
Example Output	<pre>{ "message" : "success" }</pre>				

/users/new

Location	http://www.avarizia.duckdns.org:8080/temp_cgi/users/new		
Description	Creates a new account if the username and email aren't used in the database. The password is hashed into base64 before being stored in the database for further security.		
Parameters	<u>Name</u>	<u>Type</u>	<u>Description</u>
	username	String	account username
	password	String	account password
	email	String	account email
Response	Success or failure JSON		

Example Input	username	newUser
	password	newPass
	email	test@notASite.web
Example Output	{ "message" : "success" }	

/temperature/add

Location	http://www.avarizia.duckdns.org:8080/temp_cgi/temperature/add		
Description	Adds a new temperature value to the temperature table corresponding to the account of the given username and password.		
Parameters	<u>Name</u> username password tempVal	<u>Type</u> String String Float	<u>Description</u> account username account password temperature value
Response	Success or failure JSON		

Example Input	username demonslab password password tempVal 33.63
Example Output	{ "message" : "success" }

/temperature/get

Location	http://www.avarizia.duckdns.org:8080/temp_cgi/temperature/get		
Description	Get a list of the 20 most recently stored temperature records corresponding to the account of the given username and password.		
Parameters	<u>Name</u> username password tempVal	<u>Type</u> String String Float	<u>Description</u> account username account password temperature value
Response	JSON Array containing at most 20 Temperature JSON Objects.		

Example Input	username demonslab password password
Example Output	[... { "tempID" : 3992, "tempTime" : "2016-04-30 01:38:59.0", "tempVal" : 33.63, "userID" : 1 } ...]