**/users/account**

|  |  |
| --- | --- |
| **Location** | http://www.avarizia.duckdns.org:8080/temp\_cgi/users/account |
| **Description** | Gets an account object from the database. |
| **Parameters** | |  |  |  | | --- | --- | --- | | **Name** | **Type** | **Description** | | 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** | |  |  |  | | --- | --- | --- | | **Name** | **Type** | **Description** | | username | String | account username | | password | String | account password | |  |  |  | |
| **Response** | Success or failure JSON |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Example Input** | |  |  | | --- | --- | | username | player1 | | password | password | |
| **Example Output** | {  "message" : "success"  } |

**/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** | |  |  |  | | --- | --- | --- | | **Name** | **Type** | **Description** | | 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** | |  |  |  | | --- | --- | --- | | **Name** | **Type** | **Description** | | username | String | account username | | password | String | account password | | tempVal | Float | 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** | |  |  |  | | --- | --- | --- | | **Name** | **Type** | **Description** | | username | String | account username | | password | String | account password | | tempVal | Float | 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  }  …  ] |