# GlowUpGrow API Endpoint Documentation

User

Login

TerrariumModel

Create (“Post /terrarium/model”)

Read (“Get /terrarium/model”)

Read (“Get /terrarium/model/&id”)

Plant

Create (“Post /plant”)

Read (“Get /plant”)

Read (“Get /plant/&id”)

//Update “Put /plant/&id”

LiveTerrarium

Create “Post /terrarium/live”

Read “Get /terrarium/live/&userID”

Update “Put /terrarium/live”

Delete “Delete /terrarium/live/&id”

AuthToken

Create

Delete

## **/user/register**

|  |  |
| --- | --- |
| URL Path | /user/register |
| Description | Creates a new user account, logs the user in, and returns an auth token. |
| HTTP Method | Post |
| Auth Token Required | No |
| Request Body | {  "Username": "susan",        // Non-empty string  "Password": "mysecret",    // Non-empty string  "EmailAddress": "susan@gmail.com",    // Non-empty string  “State”: “California”, // Non-empty string  “City”: “Compton”, // Non-empty string  “Street”: “Macklin Ave”, // Non-empty string  “Apartment”: “31”, // Possibly null string  “Zip”: 84604 // Non-empty string  } |
| Errors: | Request property missing or invalid value, username already taken, internal server error |
| Success Response Body | {  "authtoken": "cf7a368f",    // Non-empty auth token string  "username": "susan",        // Username passed in with request  “success”:true        // Boolean identifier  } |
| Error Response Body | {  “message”: “Error: [Description of the error]”  “success”:false        // Boolean identifier  } |

## **/user/login**

|  |  |
| --- | --- |
| URL Path | /user/login |
| Description | Logs user in and returns an authorization token |
| HTTP Method | Post |
| Auth Token Required | No |
| Request Body | {  "Username": "susan",        // Non-empty string  "Password": "mysecret",    // Non-empty string  } |
| Errors: | Request property missing or invalid value, username or password incorrect, internal server error |
| Success Response Body | {  "AuthToken": "cf7a368f",    // Non-empty auth token string  "Username": "susan",        // Username passed in with request  “UserID”:2,  “success”:true        // Boolean identifier  } |
| Error Response Body | {  “message”: “Error: [Description of the error]”  “success”:false        // Boolean identifier  } |