Quark API Documentation

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Overview

This document covers the Quark API publicly available to integrate the core website, apps and external resources with.

All responses are listed in attempt order. So as you check for errors in the request or fail to find the required resources, the errors will occur in the listed order. This will help for development as well as integration testing.

Routes

* 1. Signup / Register Route

Route: /register

Method: POST

Request Type: JSON

Request: [email] [username] [password]

Response Type: JSON

Responses:

* Missing Params => (400 Bad request) { error: missing params }
* Invalid Email => (400 Bad request) { error: invalid email address }
* Email Exists => (400 Bad request) { error: email already in use }
* Invalid Username => (400 Bad request) { error: invalid email address }
* Username Exists => (400 Bad request) { error: username already in use }
* Successful Registration => (201 Created) { status: success }
  1. Login Route

Route: /login

Method: POST

Request Type: JSON

Request: [email] [password]

Response Type: JSON

Responses:

* Missing Params => (400 Bad request) { error: missing params }
* Invalid Email => (400 Bad request) { error: invalid email address }
* Failed Authentication => (400 Bad request) { error: incorrect username or password }
* Successful Update => (200 OK) { token: [jwt\_token] }

Route: /login/verify

Method: GET

Request: [header: token]

Response Type: JSON

Responses:

* Missing Header => (400 Bad request) { error: missing token }
* Invalid Token => (400 Bad request) { error: invalid token }
* Valid Token => (200 OK) { }

Route: /login/renew

Method: GET

Request: [header: token]

Response Type: JSON

Responses:

* Missing Header => (400 Bad request) { error: missing token }
* Invalid Token => (400 Bad request) { error: invalid token }
* Valid Token => (200 OK) { token: [jwt\_token] }
  1. User routes

Route: /user/:username

Method: GET

Response Type: JSON

Responses:

* Missing Params => (400 Bad request) { error: missing params }
* Username Doesn’t Exist => (404 Not Found) { error: user not found }
* Success => (200 OK) { username }
  1. Unit Route

Route: /unit

Method: GET

Response Type: JSON

Responses:

* Missing token => (401 Unauthorized) { error: missing token }
* Success => (200 OK) { units }

Route: /unit

Method: POST

Request Type: JSON

Request: [label], [start], [end]

Response Type: JSON

Responses:

* Missing token => (401 Unauthorized) { error: missing token }
* Missing params=> (400 Bad Request) { error: missing params }
* Success => (201 Created) { }

Route: /unit/thisweek

Method: GET

Response Type: JSON

Responses:

* Missing token => (401 Unauthorized) { error: missing token }
* Success => (200 OK) { units }

Route: /unit/lastweek

Method: GET

Response Type: JSON

Responses:

* Missing token => (401 Unauthorized) { error: missing token }
* Success => (201 Created) { }
  1. Profile Route

Route: /profile

Method: GET

Response Type: JSON

Responses:

* Missing token => (401 Unauthorized) { error: missing token }
* Success => (200 OK) { profile }
  1. Leaderboard Route

Route: /leaderboard

Method: GET

Response Type: JSON

Responses:

* Missing token => (401 Unauthorized) { error: missing token }
* Success => (200 OK) { leaderboard }