note: routes starting with * are of low priority
reference: nano Twitter Functionality

1   Basic path

HTTP GET

- / (the home page with log in option; if logged in, redirect to user's home timeline)

- /login (page specifically for logging in)

- /logout (page after the user logs out)

- /user/register (page for creating a new account)

- /home (show a user's home timeline; if not logged in, redirect to the home page)

- /browse (see the last n tweets by any user)

- /user/<user_id> (see the last n tweet by this user)

- /user/<user_id>/following (show whom the user is following)

- /user/<user_id>/followers (show who are following this user)

- */search (page for search)

- */search/tweets?q=<query> (page of search results for tweets)

- */search/users?q=<query> (page of search results for users)

- */remove_friend (unfollow a user)

HTTP POST

- /user/<user_id>/tweet (for sending tweets)

- /user/<user_id>/follow (for following other users)

- /user/<user_id>/unfollow (for unfollowing other users)

2   API

HTTP GET

- /api/v1/tweets/<tweet_id> (return tweet with id)

- /api/v1/users/<user_id> (return user information)

- /api/v1/tweets/recent (return the recent n tweets)

- /api/v1/users/<user_id>/tweets (return the user's recent tweets)

- /api/v1/users/<user_id>/friends (return all users ids that the user is following)

- /api/v1/users/<user_id>/followers (return all followers ids of the user)

HTTP POST

- /api/v1/tweets/update (send a tweet)

- /api/v1/users/follow (follow a user)

- */api/v1/users/unfollow (unfollow a user)

3 Test interface

In general, <user_id> = "testuser"

- /test/reset/all (delete all users, tweets, follows)

- /test/reset/<user_id> (delete and recreate this user)

- /test/status (report how many users, follows, and tweets are there, etc.)

- /test/users/create?count=**u**& tweets=**c** (create **u** fake users and each gets **c** fake tweets)

- /test/user/<user_id>/tweets?count=**t** (generate **t** new fake tweets for this user)

- /test/user/<user_id>/follow?count=**n** (randomly select **n** users to follow this user)