For this project, please create a small backend REST API which fulfills the requirements written below.

Create a single public git repo to host your project and submit a link to this repo when you are finished.

Feel free to develop however you normally would. Please use Python, but besides that you can make use of whatever frameworks and 3rd party libraries you think make sense for this project.

If you have any questions feel free to reach out, but specific direction is up to you.

When you're finished, please send back the link to the git repo with your completed work. Make sure to include instructions as to how to run and use the application.

Requirements:

Create a web REST application with a '/mood' endpoint, which when POSTed to persists the submitted mood value.

Add the ability for users to login.

Update the '/mood' endpoint with a GET method, so it only returns values submitted by the logged-in user.

Add to the body of the response for the '/mood' endpoint the length of their current "streak".
- A user is on a "streak" if that user has submitted at least 1 mood rating for each consecutive day of that streak.
  For example, if on March 1st, March 2nd, March 3rd, and March 5th the user entered mood ratings, a 3-day streak will apply to the March 3rd rating and the streak will reset to a 1-day streak for the March 5th rating.

Document what, if anything, you would do differently if this were a production application and not an assessment? What tech would you use? How would you handle things differently if it needed to handle more users, more data, etc?