

Building a Micro-blogging App with Sinatra

You'll be building a micro-blogging app in a group of two. This project is due Sunday night (1/10) and you will have in-class workshop time (approx. 9 hours) through Wednesday. We start Rails on Thursday.

Before you start coding

- Start out by sketching out your app. How will the user sign-in flow work? How will users create new posts? How will users follow other users? Who is this platform for? Illustrate and think through all of these processes. Start out on paper or using prototyping software like OmniGraffle, Photoshop, or Illustrator.
- Have your plans approved by your instructor before moving forward.
- Start a basic repository on GitHub
- open issues to be assigned to each group member for all of the tasks to be done.
- Use branches, pull requests, and descriptive commit messages to close each issue once the work is done.

Site requirements

- A user should be able to:
 - sign up `get '/sign-up'`
 - sign in `get '/sign-in'`; redirect from / page; redirect to /home
 - sign out `logout link to sign-in`
 - edit their account details `get /account`
 - delete their account `get /account`
 - post micro-blogs (posts with less than 150 characters) `get /posts`
 - see a profile page with all of their account details and micro-blog posts to date `get '/profile/:id'`
 - visit other users' profile pages `get '/profile/:id/followers/something'`
 - see a page with the 10 most recent posts (the "feed") `feed on homepage`
 - follow other users (wait for help from your instructor) `follow button that creates/amends a row in a join table`

- see a list of users they follow get `/profile` and `/home`
- Advanced functionality, if you have time, could include:
 - a user can upload a profile picture (checkout the CarrierWave or Paperclip gem)
 - a user can follow another user without leaving the page they're on (look into JQuery/AJAX)
 - a post can include an uploaded photo posts with links automatically get converted into actual links
 - ability to create groups of users, for other users to follow a bunch of users at the same time

Your project should look good, don't make the front end bare-bones. Feel free to use JavaScript for awesome front end interactions! Good luck, have fun, and learn a lot!

Grading criteria

1. A user can sign-up, sign-in, and edit and delete their account
2. A user is able to perform all CRUD actions on a post (and that a post is no longer than 150 characters)
3. A user is able to follow/unfollow other users
4. A user is able to see a list of all of the people they follow link on homepage following