

# WD100: Building a Micro-blogging App

As an awesome exercise to solidify all of the Web Development skills you've learned thus far, you'll be building a micro-blogging app in Sinatra.

Requirements for the app are as follows.

- A user should be able to:
  - sign up
  - sign in
  - sign out
  - edit their account details
  - delete their account
  - follow other users
  - post micro-blogs (posts with less than 150 characters)
  - see a profile page with all of their account details and micro-blog posts to date
  - visit other users' profile pages
  - see a list of users they follow
  - see a page with the 10 most recent posts (the "feed")
- Feel free to use JavaScript for awesome front-end interactions!
- Advanced functionality, if you have time, could include:
  - a user can upload a profile picture (checkout the 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

Good luck, have fun, and learn a lot! You will be working on this project until this class concludes with micro-lectures each day to keep you on your toes.