For Local Foods Connection

Sign-up page: Creates a farm if given the name, email, password, and address even though error is seen upon submission of the form

* Submission on the sign-up page runs into issues within the Farm Details section
* The error we have found is that the different methods are taking in a nil parameter which causes an error upon submission. The problem is in the code in farm\_controller.rb
* The Sign-Up page also needs a text box before farm details that gives farmers the place to describe their farm.
* There needs to be code added to hide the typed password in the password box
  + This is as simple as changing the input type on the form from text to password
* Two more text boxes need to be added to confirm email address and password
* The form needs beautifying

Map Page: There are (almost) no problems with this page

* When a farm is added with a valid address on Google then a marker is added for that farm
* The map scales to all screen sizes, though with some aspect ratios it looks weird – not really a huge issue but if you want to make it perfect…

Sign-In/Admin page:

* Need to find a way back to the website from Active Admin that isn’t just pressing back button
* The updates on the farms change the current preview but do not keep changes permanent.
* Laurel wants there to be a feature that farmers upload an image of them and their farm when they sign up so attaching a picture through Active Admin/ Sign-up wanted. This feature may require an AWS S3 account for storage.
* Need a sign-in page that works for non-admin such as farmers and families using website
* Current sign-in for farmers shows them a dashboard of all other farms which is pointless
* Make it so that the Name, email, password text boxes cannot take nothing as a response and that email is a valid email

Front pages and JavaScript:

* Need to modify the show.html.haml to provide a template for a detail page for each farms
* Need to modify the index.html.haml to create a reasonable index page for all the farms
* Need to modify css file to change the view of these pages
* Need to change the show method and index method in farm\_controller.rb for dynamically generate pages.
* Find another way to store the information about farms instead of generating a page using “show” method as “farms/farm\_json” url.
* After this, modify the ajax call in the JavaScript file if needed.
* The “recipe\_api.js” and “model\_method.js” are discarded by us, but it may contain information which is helpful.
* We are not sure if text fields sanitize user input to prevent database corruption. Look into this before deployment.

Test writing:

* Tests are in the ‘/spec’ folder
* Unit tests go in ‘/spec/models’. Need for revision and expansion
* Feature tests go in ‘/spec/features’. Need for revision and expansion
* Run tests by running the command ‘rspec spec’ in the Rails terminal. The system will report back all the tests that were run along with failures/errors
* Test-driven development approach is recommended. Write tests for features you expect to work first, then fix errors with minimum requirements for tests to pass
* There are currently some failed feature test cases that still need to be fixed
* Future feature specs will probably require some sort of JS related gem.
  + Mentor suggested Selenium.
* There are lots of test skeletons that need to be filled out once the features have been discussed more thoroughly with Laurel.

Website design

* The colors of the cards on the front page are not perfect, explore prettier options
* The file size of the favicon is ridiculous: 1.8MB. Scale it down to a couple of KB if you can
  + I believe the current size is causing issues with the favicon being displayed consistently

Instructions and advice:

* Follow the setup instructions provided in the README.md in the repo
* Familiarize yourself with CSS grid and Sass
  + We use CSS grid as the framework for the website
  + Sass is a godsend for writing nice CSS – it has variables!
* Take a mobile-first approach to design
  + It is a lot easier to write changes for larger screens than the other way around
* Use the Ruby asset pipeline correctly!
* Communicate with the alumni mentor
* DO NOT HARD-CARD HTML INTO JAVASCRIPT, OR ANYWHERE ELSE IF YOU CAN AVOID IT
* The previous heroku account is missing. To deploy the app, a new heroku account is needed.
  + Possibly talk to Laurel about contacting Heroku to recover the credentials since there is a localfoods domain where an old version of the project is deployed.

Resources

* + CSS Grid - there are many good written and YouTube tutorials, including:
    - <https://www.youtube.com/watch?v=8QKOaTYvYUA> (used to build navbar)
    - <https://www.youtube.com/watch?v=7kVeCqQCxlk>
    - <https://www.youtube.com/watch?v=jV8B24rSN5o>
  + RSpec and Capybara: RSpec is the testing framework currently used for this project. Capybara is used for writing feature tests.
    - RSpec cheatsheet: <https://www.anchor.com.au/wp-content/uploads/rspec_cheatsheet_attributed.pdf>
    - Detailed test descriptions are helpful for understanding their purposes
    - Debugging test failures through the terminal is a good way of tracing back to the source of the problem. Rails does a good job of documenting why tests fail
    - Capybara Cheatsheet: <https://gist.github.com/zhengjia/428105>
  + For the sign in page, the username for admin is “admin” and the password is “password,” this should be changed before deploying the site
  + The passwords for all users are “password”. The usernames for all farms are their email accounts in the database. The passwords should also be changed before deploying the site.