Database Options:

* [Tags: Database schemas | Random Howtos (philippkeller.com)](http://howto.philippkeller.com/2005/04/24/Tags-Database-schemas/)
* Three tables
  + Recipes
    - Name of dish
    - Description
    - Picture (store picture online or local and link to it?)
      * [Uploading Files to AWS S3 with Node.js (stackabuse.com)](https://stackabuse.com/uploading-files-to-aws-s3-with-node-js/)
      * <https://medium.com/swlh/how-to-upload-image-using-multer-in-node-js-f3aeffb90657>
    - Ingredients (Include measurements ½ Tbsp, 1 onion)
    - Steps
    - Ratings
    - Time to make?
    - Notes
    - Date
    - Position, count num results from select \*, in case id gets offset
    - Id
  + TagMap
    - Id
    - RecipeID (links to id in Recipes table)
    - TagID (links to id in Tags table)
  + Tags
    - Id
    - Name

Current Plan

* SQLite3 with form to input recipes
  + https://github.com/JoshuaWise/better-sqlite3/blob/master/docs/api.md
  + Need to add and remove inputs for each ingredient or step
    - [Add Remove Input Fields Dynamically using jQuery - CodexWorld](https://www.codexworld.com/add-remove-input-fields-dynamically-using-jquery/)
    - [Bootstrap Multi-Page Modal (codepen.io)](https://codepen.io/Ayn_/pen/vmVKZV)
  + JSON for recipe could be list of ingredients and list of steps
    - Use Title Case for ingredients and title for appearance?
  + Design for components, include pagination to not have to load everything, but have option to show everything at once
    - [Components - Material Design](https://material.io/components?platform=web), Buttons, inputs, cards
    - [Icons - Google Fonts](https://fonts.google.com/icons?selected=Material+Icons)
* C:\Users\colma\Downloads\facebook-100009154208780.zip\messages\inbox\roubinakouyoumdjian\_ps10gx9m2w\
* Add SQLite3 from [C:\](../../../../) folder and SQLiteStudio from downloads to usb
* Import <https://www.sqlitetutorial.net/sqlite-import-csv/>

TODO

* Turn form page into its own route
  + When they edit, just go to the route
  + When they search a title in the add page go to the route
  + For new entry: Go to /add
  + For edit: Go to /add/:id
  + For search template: Make new row in DB that’s identical to search, then go to /add/:id
* Want to be able to search tags and notes, maybe ingredients and steps too
* Sort/filter by rating or date?
* Autocomplete ([jQuery autocomplete](https://stackoverflow.com/questions/64111484/search-box-result-with-bootstrap)?)
  + Tags, query tags table for name onkeyup
  + Title, query recipe table for name onkeyup, fill in inputs if title present
  + Search, query recipe table for everything onkeyup
* Autocomplete title when typing, fill in recipe for repeats
* Export option, all recipe data and images, maybe two separate exports

COMPLETED

* Each entry needs to be editable
  + Maybe delete, low priority since I can manually do it through db
* Check how ingredients get stored. If it’s separated by commas, I might need to use a different delimiter. Steps might have commas in them and certain ingredients might be group with commas (spices)