MyCookbook Development Roadmap

**Notes to Self:**

* This application is slightly uncharted territory in a lot of ways… take 1 step at a time and focus on 1 component at a time, and try not to get overwhelmed by thinking about every component at once!!
* Past projects can be guides (my old React portfolio, old mycookbook PHP app, etc)
* DO NOT worry about the styling until functionality has been hammered out. Style isn’t an afterthought, but it won’t be the difficult part of creating this application…
* HAVE FUN with this!

1. ~~Develop this final project plan and have plan approved~~
   1. ~~Modify if needed to fit scope of class~~
2. Create wireframe for project
   1. Map out UI using tool like Figma
   2. Map out likely components needed in React
   3. Map out database elements
   4. Map out API routes and Lambda functions necessary to tie things together
3. Create a sandbox environment to experiment with the database and AWS design.
   1. Take notes on the setup for the actual setup
   2. Experiment with CRUD operations on the DynamoDB database
   3. Mess with other AWS services
   4. Mock out navigation and a header with authorization applied (What is in the header??? Depends on if a user is logged in!!)
   5. Mock out other nav bars
   6. Mess with the database from the user interface – get CRUD working with a workable database
4. Create the initial Amplify application and begin to create the application
   1. Create the React application
   2. Add whatever basics are necessary to get started
5. Begin database development in AWS
   1. Create the DynamoDB database for the application
6. Set up user login/log out
   1. Use AWS Cognito to authenticate users for the application.
   2. Test user creation
   3. Test user login
7. Begin front end development
   1. Set up the frames for the basic components that will be needed for the application…
      1. Home page
      2. User Console page
         1. User categories menu
      3. User main recipe view/search page
      4. Single Recipe Page
      5. Create Recipe Page
      6. Update Recipe Page
      7. Delete Recipe Page
8. Set up create category
   1. Create necessary components to allow a user to create a category
   2. Create necessary components to allow a user to update a category
9. Set up recipe creation
   1. Create necessary components to allow a user to create a recipe
   2. Make sure new recipes properly display
10. Set up recipe updates
    1. Create components necessary to allow a user to update a recipe
11. Set up recipe/category deletes
    1. Create components necessary to allow a user to delete a recipe.
    2. Create components necessary to allow a user to delete a category. This may cascade to a categories recipes – TBD
12. Set up styles
    1. Set up basic styling to have the site be good enough to go live
13. Touch up any bugs and test the website
    1. Make sure everything runs smoothly for the MVP
14. Deploy the MVP using amplify
    1. Deploy the application
    2. Test the application after deployment
    3. Get a better URL to use for the website
15. Consider and plan for advanced feature development…..
    1. Custom colors/themes
    2. Add images to recipes
    3. Search engine optimization
    4. Print recipes