Homework 15

** Prof Mertz gave me permission to use mongoose as a library that sits on top of MongoDB and not make direct calls through mongoDB in the express app.**

url: https://hw15-gsmszatlai.now.sh

What is being modeled (copied from proposal):

Models

<u>User</u> – id, name, username, email, password, active <u>GroceryList</u> –id, userID, [itemList], date, active <u>SavedRecipe</u> – name, recipeID, userID, saveDate

Controllers

User Profile

app.get("/user/:id", getUserByID); // for the profile page app.post("/user/:name/:username/:email", createUser); //creates user

Grocery List Tab

app.get("/grocery/", getAllLists); // Gets lists associated with that user app.get("/grocery/:id", getListById); // Gets specific list app.delete("/grocery/:id", getAllLists); // Deletes specific lists app.put("/grocery/: id/:items", addItem); // Adds an item or list of items to the list app.post("/grocery/ name/:items", createList); //creates a new list for user with items

Saved Recipes

app.get("/saved/ ", getAllSavedRecipes); // Gets all saved recipes for the logged in user from the db

app.get("/saved/:id ", getSavedRecipeByID); // Gets specific saved recipe app.delete("/saved/:id ", deleteSavedRecipe); // Deletes from db app.post("/saved/:name/:recipeID/ ", getSavedRecipes); // Stores name and ID of recipe to be "saved" in db

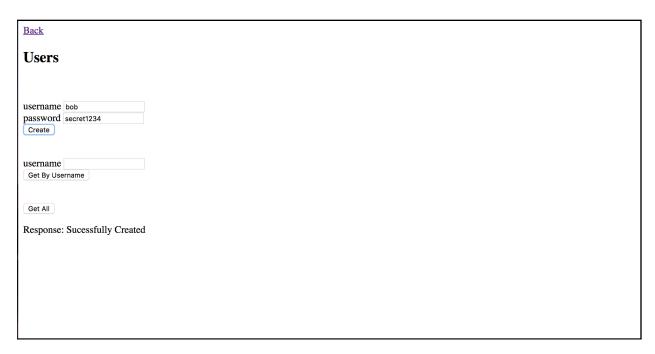
Testing:

If you start at the index.html page of the URL provided you will see links to the three persistently stored models for my final project. Each link will bring you to a page that tests the different CRUD functionalities of that model. At the top of each page you can create that model and if created successfully the response

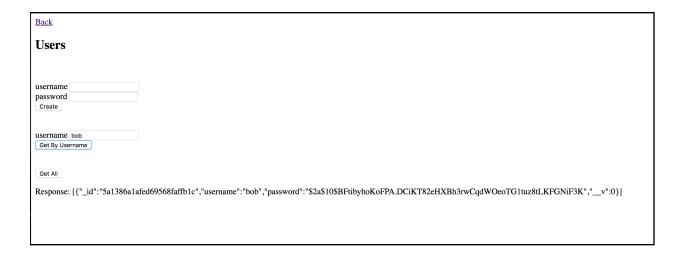
will appear at the bottom of the page. For each functionality listed the user will see the response at the bottom of the page.

Users

When you create a new user, if created the response will show a success



If you then search (GET request) that user by their username, it'll return the value from the db



Clicking "Get All" will return all entries for user (notice the passwords are hashed)

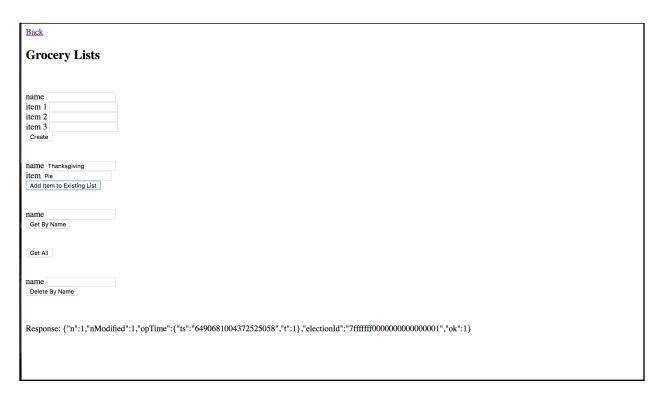


Grocery Lists

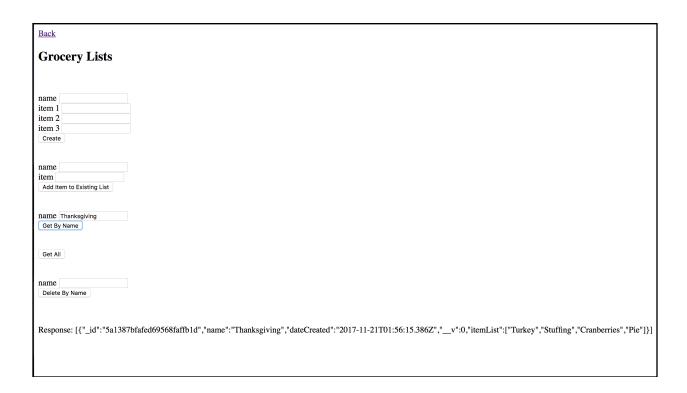
Create a list with a name, and items (just limited to three for this test) and the response shows it's created.



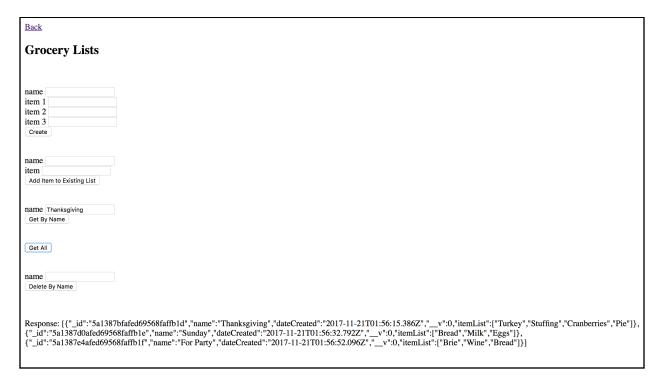
If I want to add something to that list I type in the name and the new item and the response shows the successful modification went through



I can through all lists for that one I just made by name to make sure it was created and updated

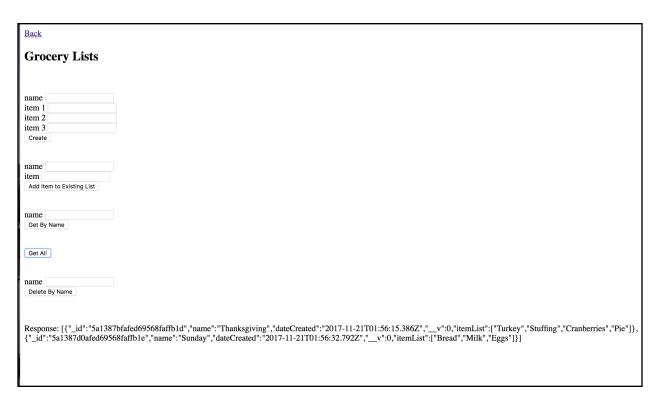


Clicking "Get All' will retrieve all entries



Entering "thanksgiving" in the delete will delete that record.

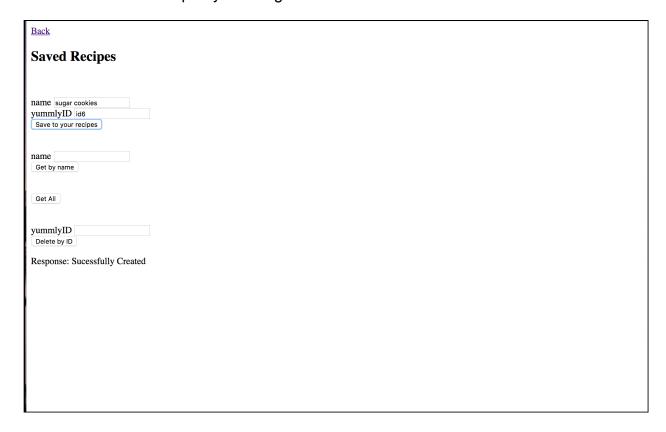




Saved Recipes

This section is a little different now than it will act in my final app. The yummlyID being stored would come from the third party api bit for now I'm using tester fake IDs for this. Each saved recipe (and list above) would also be assigned to a user but I have it currently so that field is automatically populated with an ID. Once the authentication is working, the user will be included.

A user can save a recipe by entering the name and id of it.



They can then get that record by calling by the name (simulates the show page of a recipe, could also do by ID)



Get All will show all records for recipes

Back
Saved Recipes
name
yummlyID Save to your recipes
name Get by name
Get All
yummlyID
Delete by ID
Response: [{"_id":"5a13917ec895d47c43a92126","name":"pumpkin pie","recipeID":"id1","savedDate":"2017-11- 21T02:37:50.945Z","user":"5a135880413cb99585e0692f","v":0},{"_id":"5a13918bc895d47c43a92127","name":"roasted turkey","recipeID":"id2","savedDate":"2017-11-21T02:38:03.039Z","user":"5a135880413cb99585e0692f","_v":0},
{"_id":"5a13919bc895d47c43a92128","name":"Moscow mule","recipeID":"id3","savedDate":"2017-11-
21T02:38:19.039Z", "user": "5a135880413cb99585e0692f", "v":0},{"_id": "5a1391a4c895d47c43a92129", "name": "latte", "recipeID": "id4", "savedDate": "2017-11-21T02:38:28.921Z", "user": "5a135880413cb99585e0692f", "v":0}, {"_id": 5a1391b1c895d47c43a9212a", "name": "mashed
cauliflower","recipeID":"id5","savedDate":"2017-11-21T02:38:41.246Z","user":"5a135880413cb99585e0692f","v":0}, {"_id":"5a1391e6c895d47c43a9212b","name":"sugar cookies","recipeID":"id6","savedDate":"2017-11- 21T02:39:34.391Z","user":"5a135880413cb99585e0692f"," v":0}]
21102.37.34.371Z , use: . 34133000413C0943363C0092L ,v :0}]

Deleting by the ID will delete it from the records.



Getting all again will show that this was deleted successfully

