

Team Members: John Hau, Junyu Ding, Ashley Weaver, Kent Waxman, Jack Gentleman, Charlotte Donaldson.

Title of Project: Mixr

**Features that will be tested:**

1. Authentication - Login and Create Account
2. Fetching Drinks - Searching drinks
3. Uploading Drinks - Mixing and sharing drinks

**Unit Testing:**

1. Authentication - This would involve writing tests that check whether or not the error handling actually works (A user actually has to input all the fields to login and create an account). As well it would test to make sure that once a user logged in they would be directed to the correct page. This would also check to make sure certain characters can't actually be entered into the fields, such as simply inputting a space or only a number, etc.
2. Fetching Drinks - This would involve ensuring that the user again has to actually fill in certain fields before hitting search. Specifically ensuring that the user has inputted some ingredients to filter the search and entered something into the search bar. It would also ensure that the correct functionality ensues when drinks are returned.
3. Uploading Drinks - This would involve making sure the ingredient, name, and description fields are completely filled before uploading. It would also check to make sure the proper functionality occurs after an upload is complete.

**Integration Testing:**

1. Authentication - For the integration layer, this test would ensure that when a user logs in the proper functions are called and triggered, user information is actually fetched from or pushed to the database, and the ui properly renders these changes.
2. Fetching Drinks - In terms of integration, this test would involve checking to see if the correct functions are called and the correct drinks are returned based on the inputted user filters and search text. It would also check to make sure that the ui properly renders such changes in data.
3. Uploading Drinks - The integration test for uploading drinks would involve checking to see if a correct json object is created and uploaded to the database based on the user inputs. As well, it would check that the correct feedback fires and is rendered in the ui based on the user input.

#### **User Acceptance Testing (friends/family):**

- Ashley: (gave to my friends)
  - Kendall: Thought the idea was cool - everything worked smoothly for her and she didn't have any extreme issues -> not all of the functions works yet so that was an issue
- John: I will give the app to my roommates to test and have them run through all the above mentioned features.
- Junyu: I will give the app to my roommates to try it and give me feedback after.
- Kent: I will give the app to my family and have them go through and test
- Jack: I will give the app to people living in my house and have them test the mentioned features

- Charlotte: Will show off the app to my parent's and receive feedback on the look and feel of it. I'll make sure to step back and make sure they can access each part of the site with ease.

### **Individual Contributions:**

- Ashley: Working on the Administration page, also helped create & fill out the milestone document
  - Ashley's Commit:  
[https://github.com/CSCI-3308-CU-Boulder/3308SP21\\_015\\_1/compare/Ashley?expand=1](https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/compare/Ashley?expand=1)
- John: Helped create and fill out the milestone document, as well as set up the middleware for the app and the authentication flow. Also finished getting the login with all functionality.
  - John's Commit:  
[https://github.com/CSCI-3308-CU-Boulder/3308SP21\\_015\\_1/commit/6c31734bf3e6d3ae3b2b70431f3a1e98dc7327d](https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/6c31734bf3e6d3ae3b2b70431f3a1e98dc7327d)
- Junyu: Finished the Search Drink UI page and the React Components.
  - Junyu's Commit:  
[https://github.com/CSCI-3308-CU-Boulder/3308SP21\\_015\\_1/commit/559fbad83cb7227665481ff7da4e9566f3512659](https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/559fbad83cb7227665481ff7da4e9566f3512659)
- Kent: Helped with milestone document, as well as helped with admin page and login page

- Kent's Commit:  
[https://github.com/CSCI-3308-CU-Boulder/3308SP21\\_015\\_1/commit/03b2be1207ef055eb136fdc6dff1ee869779821e](https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/03b2be1207ef055eb136fdc6dff1ee869779821e)
- Jack: Finished the integration and database functionality for uploading drinks to the database.
  - Jack's Commit:  
[https://github.com/CSCI-3308-CU-Boulder/3308SP21\\_015\\_1/commit/b5f9d2e40d263fa29177ece11877c6c8816ddf3f](https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/b5f9d2e40d263fa29177ece11877c6c8816ddf3f)
- Charlotte: Designed front-end for Profile page, revamped Navbar icons, updated CSS for each page to be more consistent
  - Charlotte's Commit:  
[https://github.com/CSCI-3308-CU-Boulder/3308SP21\\_015\\_1/commit/347b877b9c14586ba950009628b4687e47682f7f](https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/347b877b9c14586ba950009628b4687e47682f7f)