

Team Number: 015-1

Team Name: Seg Faults

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

Project Milestone 4

- Revised List of Features:
 1. Authentication:

Allows users to access the product with identification which is used in other features to show your input. From a login screen you are able to sign up or log in and then obtain your identification for any user input features in Mixr.
 2. Displays list of drinks:

User is shown a list that they can scroll through that shows drinks. The list can be sorted by either search or by selected ingredients. List is organized by highest rating. Displays names, ratings, and short description of drinks.
 3. Stores recipes made by users:

Users can create drinks. The creation process involves naming the drink, adding ingredients, and adding a short description of the drink.
 4. Administrator Privileges:

The administrator can go through the list of drinks and select drinks that they believe should be removed from the database.

Administrators will also receive special credentials stored within the database to mark them as administrators and this screen can only be accessed by those individuals with corresponding credentials.
 5. Verified Users (only if all other features are complete):

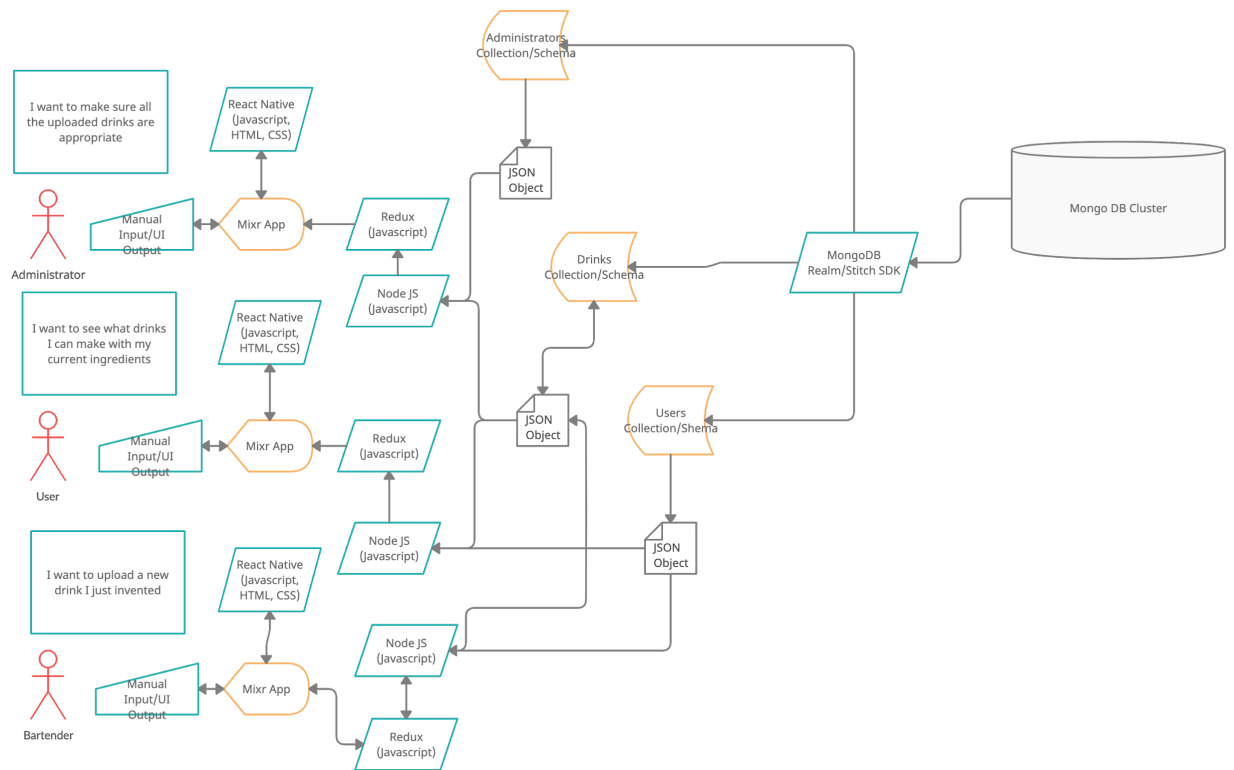
Will have an icon that indicates that a certain user is “verified” (verified icon that you see on twitter, instagram, etc.)

 - In the beginning, becoming a verified user will require just administration approval. If the app becomes popular, a user will require a big enough following as well as administration approval.

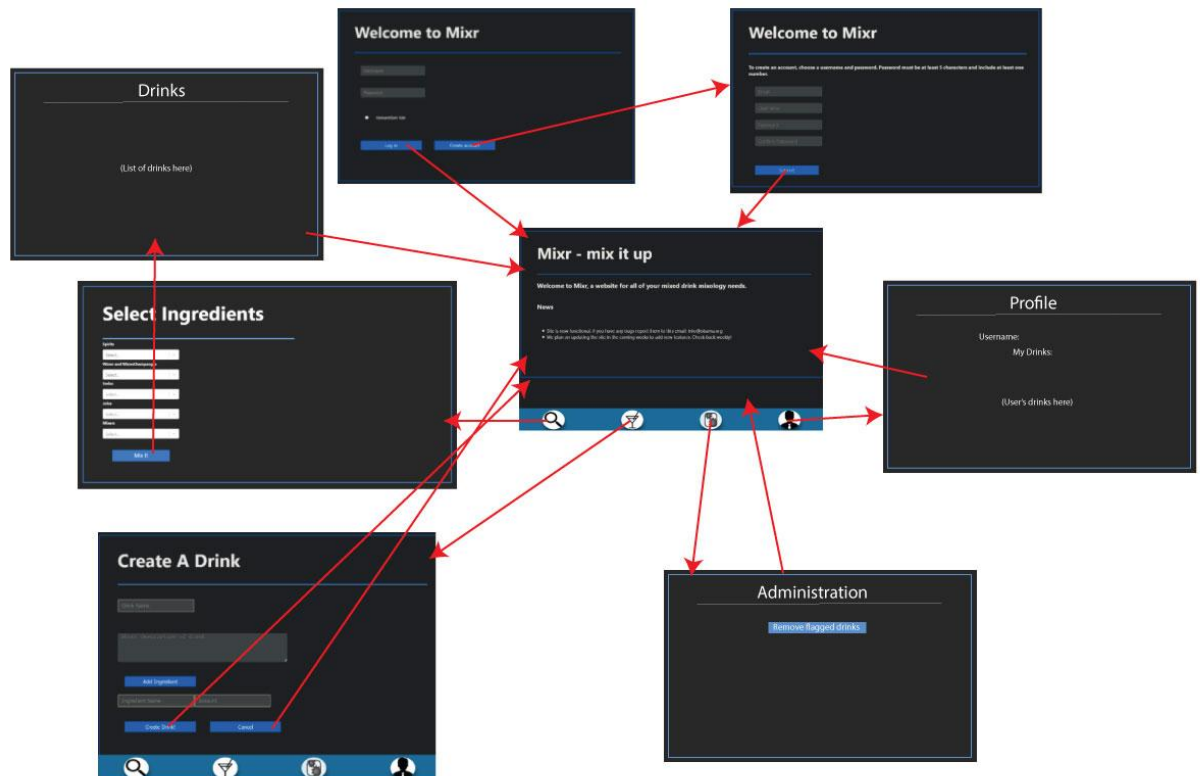
The drinks that verified users make will always show up first on the recommendation lists

 - Verified users make drinks and the automatically don’t have to be verified before going into the app

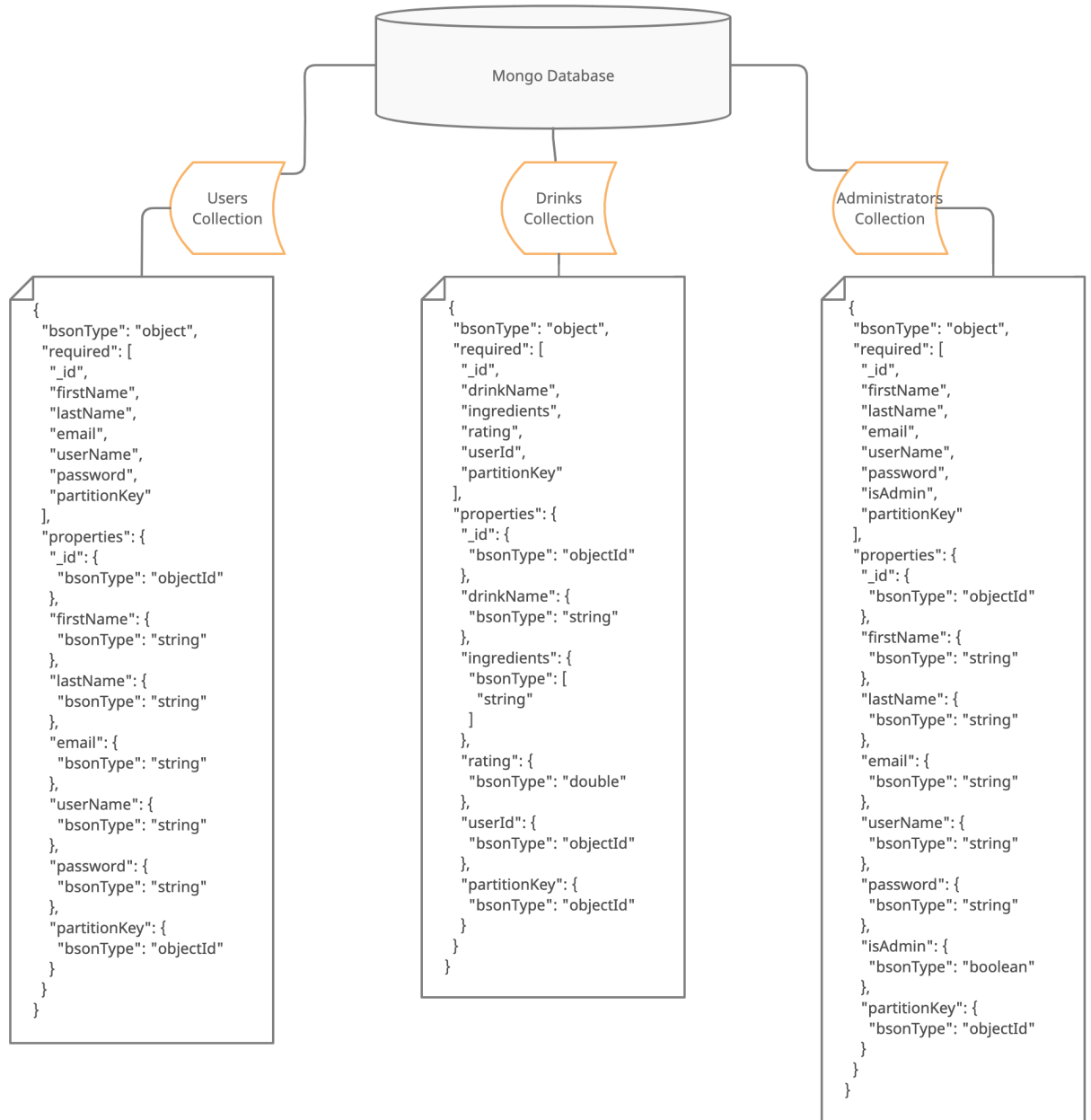
- Architecture Diagram:



- Front End Design:



- Web Service Design: N/A (MongoDB clusters are hosted on a web service, which in our case is AWS)
- Database Design:



- Individual Contributions:

- John:

Wrote some backend read/write function, built skeleton for middleware setup, made database and architecture diagrams

Latest commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/364c47c8c34945bf7963f7c2d6bb0abff9091ed2

- Charlotte:

Converted front end design HTML (yarn) to front end wireframe, screenshotting HTML pages. Adding commenting on HTML React files, edited readme

Latest commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/f356c3f8e2e8d26ffb2411d164d446c1784678d8

- Junyu:

I created the Select Ingredients Page UI and then transformed it into the React Component to make sure it works with React Native.

Latest commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/6a68c4cac11cb0efa2978f0c54e136c8611c2385

- Kent:

Created the UI for the search page and helped convert several other UI pages into React code.

Latest commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/8c7a3686bca49b65807b4ff4fa7f5cc9cf3e0ee5

- Jack:

Create drinks UI (in React) and preparations for database integration by saving the values inputted into an object that can be pushed to the database when it is integrated.

Latest commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/03b4a9883210c91228d2a14c4205271be6e5d315

- Ashley:

Search/history page, Admin page UI

I have worked on the drink history page (not sure if we are using it anymore though) and then I have worked on the Admin page UI and will work on it more.

Latest commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_015_1/commit/fea211dc84719356b1a58e4c580a2c97a6dc98d7

JIRA Board Screenshot:

Projects / Segfaults-015-1

Backlog

Q JG KW AW +2 Epic

▼ Sprint 4 19 Mar – 2 Apr (6 issues) 1 2 3 Complete sprint ...

S01-16 Search Functionality 2 - Ingredients filter	SEARCH DRINK RECIPES	1	TO DO	JG
S01-12 Upload Drinks 1 - creation and uploading	UPLOAD DRINK RECIPES	2	IN PROGRESS	JG
S01-18 Search Functionality 3 - see other users' drinks	SEARCH DRINK RECIPES	1	IN PROGRESS	JG
S01-17 Search Functionality 4 - drink history	SEARCH DRINK RECIPES	4	IN PROGRESS	AW
S01-19 Search Functionality 5 - search by name or ingredient	SEARCH DRINK RECIPES	1	IN PROGRESS	KW
S01-13 Administration 1 - flag and remove recipes	UPLOAD DRINK RECIPES	1	IN PROGRESS	JG

+ Create issue

▼ Sprint 3 (6 issues) 10 1 2 Start sprint ...

App is completed (more or less), test the app for bugs and functionality. Add features that aren't necessary for the apps core function.

S01-9 Rating 1 - drink rating	EXTRA FEATURES	1	TO DO	JG
S01-8 Mixologist 1 - verification and identification	EXTRA FEATURES	1	TO DO	KW
S01-15 Administration 2 - mixologist promotion	EXTRA FEATURES	1	TO DO	JG
S01-10 Mixologist 2 - search priority	EXTRA FEATURES	3	TO DO	JG
S01-11 Mixologist 4 - authentication	EXTRA FEATURES	1	TO DO	AW
S01-24 Share Drinks 1	EXTRA FEATURES	3	TO DO	JG

Quickstart

- Challenges:
 - One of the biggest challenges that we have faced and will face is transferring our UI components into React. We are using React to structure and run our website, so HTML files we made need to be converted to React. In case we do not have time to fully convert everything, we can make do with what we have already or use the HTML files in some other way.
 - Time is a big one. Our website is planned to be pretty big, so there is a lot of time that needs to go into programming it. There is the possibility that we will simply not have enough time to completely finish it. In this case, we will cut out features that are lower on the priority list, such as the verification system.
 - Backend is a big challenge for us. Our backend has to be pretty extensive for what we want to do, so it requires a lot of work. Especially the authentication needed for our data. If we end up not being able to finish this, we will have to cut some of the functionality we planned to have in our backend, such as account info verification. Middleware is also a substantial challenge, as much goes into building the local store.