Admin:

1. Login
2. Navigate to admin page
3. Modify ingredient database
   1. Create ingredient
   2. Modify ingredient
   3. Delete ingredient
4. Modify user database
   1. Create user
   2. Remove user
   3. Convert user to researcher
5. Logout

Admin: Add ingredients to database use case:

Admin users will sign in to the webpage, then navigate to the admin page where they can add ingredients to the database, modify ingredient, and delete ingredient. They then create and delete a user. Then admin user logs out.

Admin: Add researchers:

Admin user will log in, then allow research abilities to professionals seeking to add their research to the system. Admin logs out.

Company:

1. Login to user account
2. Attempt to access company page
3. Create new company
4. Create a product
5. Modify a product
6. Delete a product
7. Import products from FDC api
8. Logout

Company: Create company account use case:

A company creates an account, then makes a company on the webpage, choosing the users that are authorized to add items under the company name.

Company: Create Products use case:

Company user will log in, and then go to the company product creation page, adding products to the companies catalog. Company user logs out.

Researcher:

1. Logs in
2. Navigates to research page
3. Adds sciNote
4. Modifies sciNote
5. Deletes sciNote
6. Logs out

Researcher: Publish research information for ingredients use case:

A researcher will log in, before importing their data into the database, attached to an ingredient as a science note.

Researcher: Update public research:

A researcher logs in, navigates to the researcher page, then updates old research with more updated data as it becomes available. Researcher signs out.

End User:

1. Access homepage
2. Search database
3. Signup
4. Login
5. Change account settings
   1. Color mode
   2. Add flags
6. Search with flags
7. Examine product with flags
8. Scan barcode
9. Logout

Consumer: Search for products use case:

Consumer user will log in, then type a product into the search bar, then click the product they want to view on search page.

Consumer: Manage account settings use case:

Consumer will go to their settings page, where they can change some general settings, as well as assign dietary flags, hiding some products from users. User signs out.