Admin: Login, modify database (create, delete, modify items), manage users, create research user

1. Admin logs in and navigates to admin page
2. Admin selects database table and modifies ingredient database by creating an ingredient, modifying an ingredient, and deleting an ingredient.
3. Admin selects user table and modifies user database to create a new user, to delete a user, and to convert a user account into a research user.
4. Admin logs out

Company: Login, create new company, create new product, modify product, delete product, import products from FDC, and logout

1. Verified user logs in to user account and navigates to company page
2. User fills out form to create a new company
3. User navigates to company page and creates a product, modifies the product, and deletes the product
4. User navigates to company dashboard and imports products from FDC api
5. User logs out

Researcher:

1. Researcher logs in and navigates to research page
2. Researcher adds scientific note, modifies scientific note, and deletes scientific note
3. Researcher searches through scientific notes then logs out

End User:

1. New user accesses homepage and searches database for a product
2. New user navigates to signup and creates a new account, then logs in
3. Authenticated user changes account settings for color mode and adds flags for ingredients they are allergic to.
4. Authenticated user searches database with flags and examine product with flags
5. User navigates to barcode page and scans barcode to view item then user logs out