

IUDIY

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[Link to prototype](#)

Target Audience

IUDIY is designed for menstruators, generally between the ages of 13-58, who use a form of birth control/contraception and are interested in receiving a personalized recommendation and keeping track of their symptoms.

Design Tools

We used Figma for all design and wire-framing purposes for our medium-fidelity prototype to simulate our app at this stage. The prototype simulates a cross-platform app, but our current prototype runs on a generic iPhone model.

Operating Instructions

Sign up and Log in:

- Welcome to IUDIY! To sign up, press the dark blue button. To log in, press the text below the button.
- On the sign up page, fill in your name, email, and password. Press the “Sign Up” button to enter the app.
- On the log in, fill in your email and password. Press the “Log In” button to enter the app.

Home Page:

- First screen after logging in
- Has reminder to take medication at a certain time
- Ability to bring users to symptom log (log symptom clickable)

Prescriptions Page:

- View current treatment plan

- Ability to bring user to where to find treatment map
- Ability to take users to page to get new treatment recommendation
- Access to home and symptom log nav buttons

Symptom Log:

- Select symptoms the user is currently experiencing
- Submit daily symptom log
- View symptoms from previous days

Profile Page:

- View personal and family history

Navigation Bar (bottom of screen):

- Home (far left home icon):
 - Bring user to home page
- Symptom Log (center left calendar icon):
 - Bring user to the symptom log page
- Prescriptions (center right plus icon):
 - Bring user to prescription page
- Profile (far right user icon):
 - Bring user to the profile page

Map (navigable from the prescriptions page):

- See nearby pharmacies with your prescription.
- Choose a pinned pharmacy to view information about its location.

Change Current Prescription (navigable from the prescriptions page):

- Fill out new preferences for medication.
- Get a new recommendation for treatment based on preferences.

Wizard of Oz

Treatment Recommendations: In practice, IUDIY will take the personalized answers to our questionnaire and use that information to create a personalized contraceptive treatment recommendation for the user. We simulated this process in our prototype by setting the responses to the questions then giving a new recommendation that we already set; we essentially acted as the algorithm to match the answers with the new personalized recommendation.

Map: When fully functioning, after clicking “where to find” on the prescription page, IUDIY will bring the user to a clickable map to find a pharmacy near the user with their

treatment in stock. We simulated the users area code and the pharmacies near them, also we currently do not have the data to tell if pharmacies have the treatment in stock so we fabricated that the selected pharmacy did have the treatment in stock.

Hard-coded Items

Users: At the login screen, our user, Sally Stanford, is a hard-coded user. We store this information and autofill it in our login process in the Figma prototype.

Symptoms: At the symptom logging stage, we hard-code the symptoms to simulate what a user would respond. This is because our users are hard-coded, and therefore we needed to simulate their symptoms as well. We do this by filling in the blue circles on the right of the symptom logging screen, as well as recording the “Symptoms You Selected” feature below it.

Available pharmacies: For the “Find Your Pharmacy” task in our medium-fi prototype, we hard-coded information for the CVS pharmacy that we select to simulate a map with available pharmacies. Similarly, the information in the CVS pharmacy information window is also hard-coded.

Change prescription form: We hard-coded the responses to our questionnaire that appears when a user tries to change their prescriptions. We also hard-code the new recommendation provided.

Current prescription: At the home screen, we say the user is using Yazmin for birth control and needs to take their next pill in 34 minutes. Both the treatment and time to the next dose are hard-coded to simulate the user’s medical information.

Limitations

Currently, the profile is not able to be updated with new information about the medical history and family history of the patient.

Also, we do not yet have a recommendation algorithm that will take in the symptoms and output a treatment. This is all hard-coded at this point.

Currently, not all buttons are clickable. This includes the Profile page in the navigation bar, the back arrow for sign up, the logging symptoms buttons, and the current recommendation button on the prescriptions page.

The features noted above were not implemented because they were not necessary for the three major task flows, nor were they useful in testing user experience at this stage.