



NuMom (Keeping Moms & Infants Healthy)

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PROBLEM

New mothers, and individuals looking to educate themselves on reproduction in a simple, meaningful way seem to lack a centralized app that can help meet their needs and give them information on a wide array of topics relating to pregnancy.

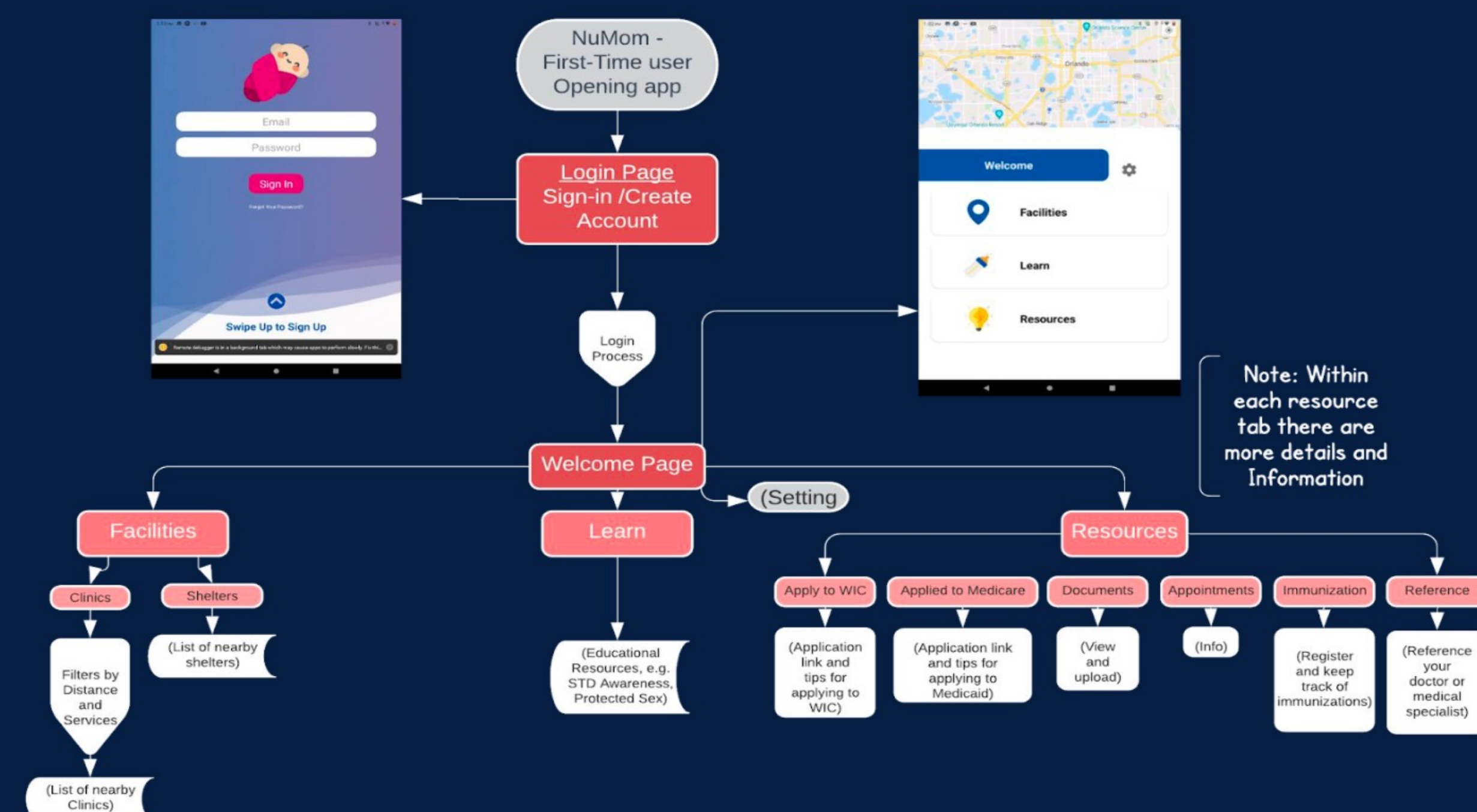
CURRENT SYSTEM

The current system is to be deployed on smartphones (Apple or Android) and several tablets that are also running Android based systems (Amazon Fire Tablets).

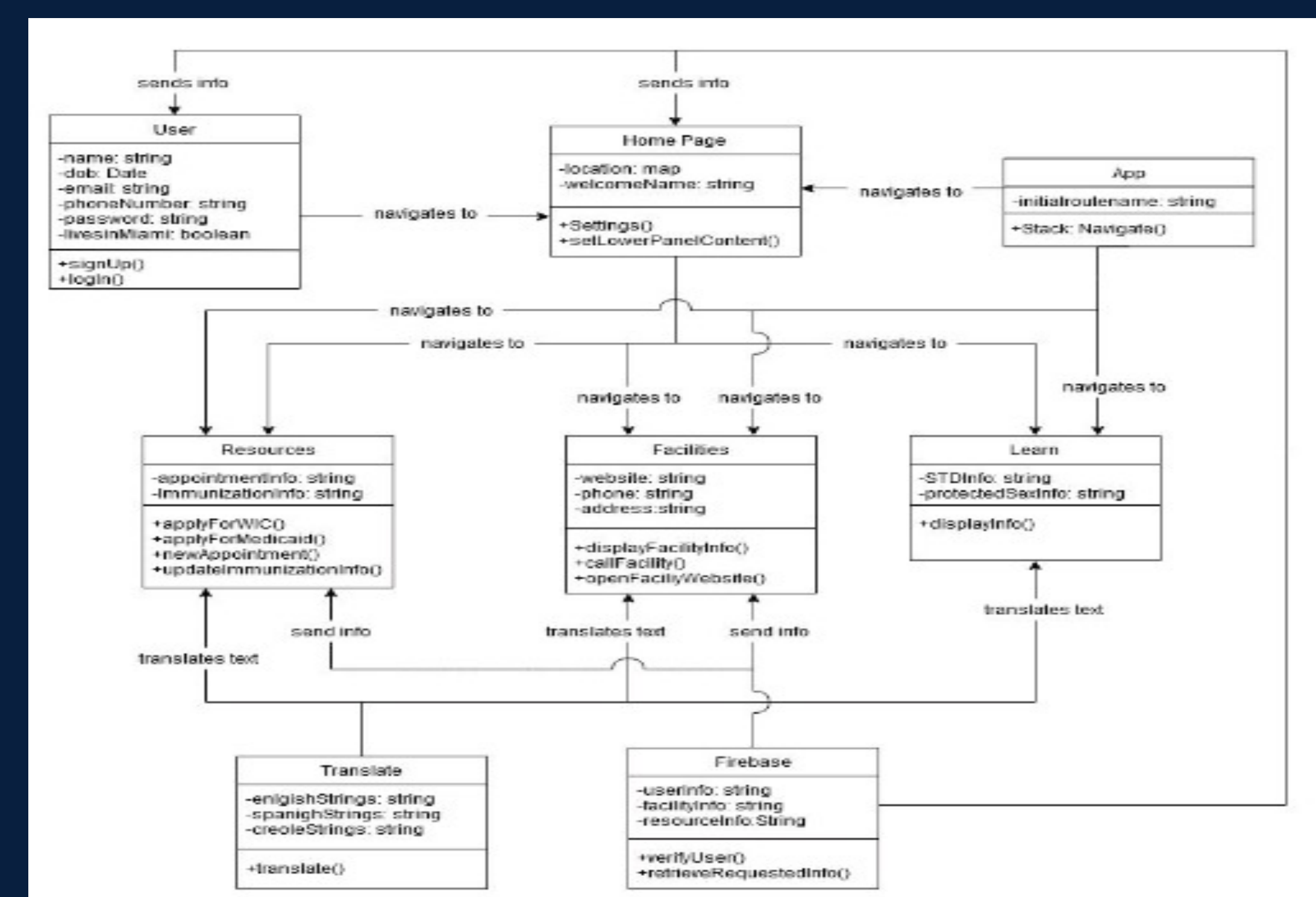
REQUIREMENTS

- Add more information in a concise manner
- Update the client to 47
- Help make and keep the app more accessible
- Meaningfully test each incremental update made
- Polish assets and create a TestFlight

SYSTEM DESIGN



OBJECT DESIGN



IMPLEMENTATION



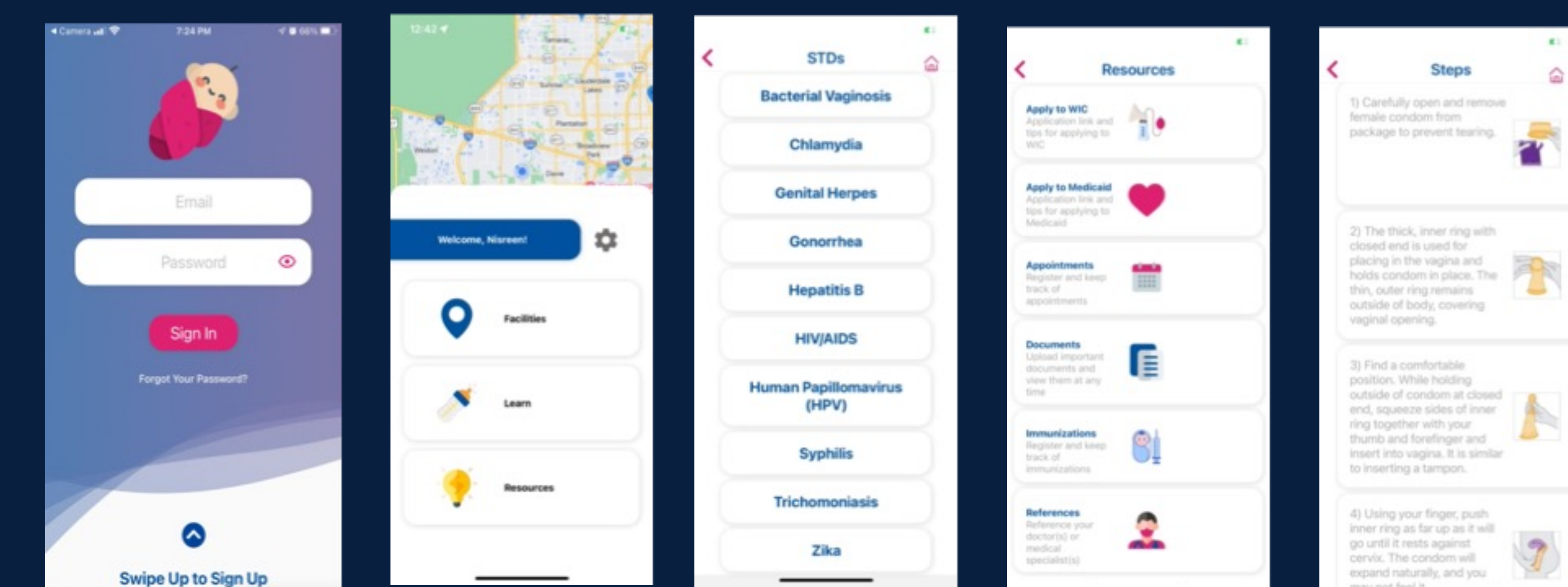
VERIFICATION

Throughout the semester many checks were done using Expo through a localhost tunnel. Each tester can download an app called Expo Go through their preferred App Store that allows them to locally run and test changes and new features. GitHub was used for version control and pending two rounds of approval, changes were merged to the development branch.

SUMMARY

The goal of this app is to be easily accessible and up to date. As such the focus for this semester was to add meaningful information to the app in a way that anyone could understand and through the added birth control section, a general cleanup of relevant information and polishing of a few assets, substantial progress was made in this area.

SCREENSHOTS



ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by Jean Hannan. I thank Jean Hannan for her assistance and mentorship that we received throughout the senior design project.