

Knight Foundation School of Computing and Information Sciences

Fall 2021 Capstone II Project

Keeping Moms & Infants Healthy

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PROBLEM

Expectant mothers and new mothers lack the proper resources to help them raise their child properly and safely. Without these resources, new mothers have a hard time finding resources such as pediatric clinics and keeping track of their child's immunization history and other important documentation.

SYSTEM DESIGN

The NuMom App is an intuitive design, with the important information, being present in a easy to access manner. While other information is kept in an organized manner further along the app. These topics are then broken down further to facilitate navigation.

CURRENT SYSTEM

Keeping Moms & Infants Healthy (NuMom), is a mobile app that allows mothers to access important resources and services. These resources include pediatric locations, immunization records, useful information, etc.

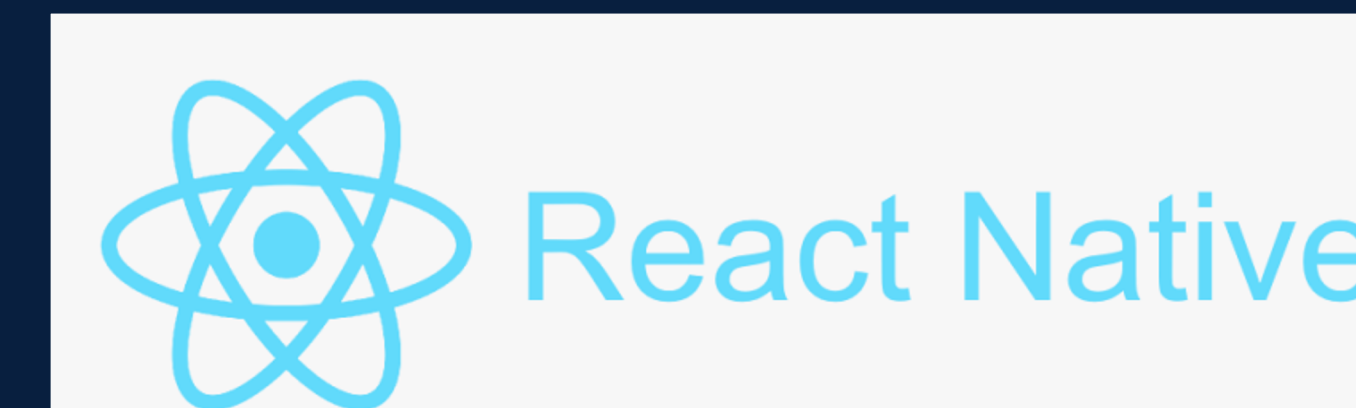
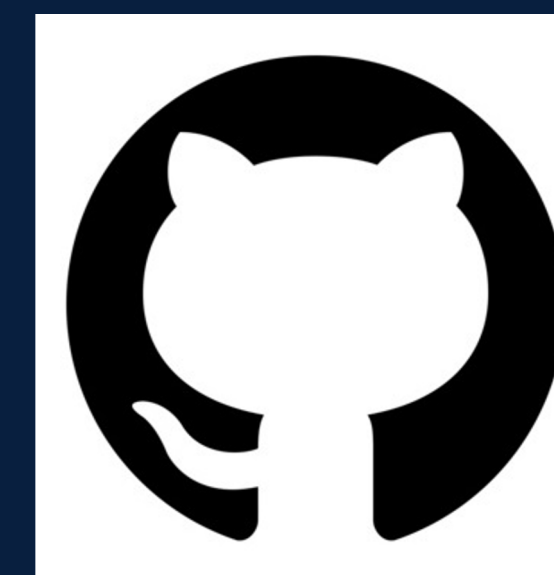
REQUIREMENTS

For the Fall 2021 semester, capstone I students were introduced to the NuMom App. They were situated with how it worked, got up to speed with React, JavaScript and FireBase, and got started on issues. In the meantime, capstone II was solving bugs, implementing new features, and creating new tickets. iOS deployment also done in order to include bug fixes and new features.

VERIFICATION

In order to make sure that any tickets have been completed, Expo Go was used to test the app, Firebase and the app to test any database changes, and texts to check push notifications. Github was the chosen source control software for ticket tracking and code merging.

IMPLEMENTATION



REFERENCES

The NuMom App helps mothers access useful resources from their mobile devices. This semester we focused on polishing the app, as well as encouraging autonomy with creation of issues and reviews of pull requests.

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 I received throughout the Capstone II project.