FEEL BETTER: Pediatric Guide App

Mr. Jason Bice, Mr. Sqielyr Person, Mr. Aydan Mufti, Mr. Jason LaPrad, Mr. Eric Mo

Department of Computing and Software Engineering
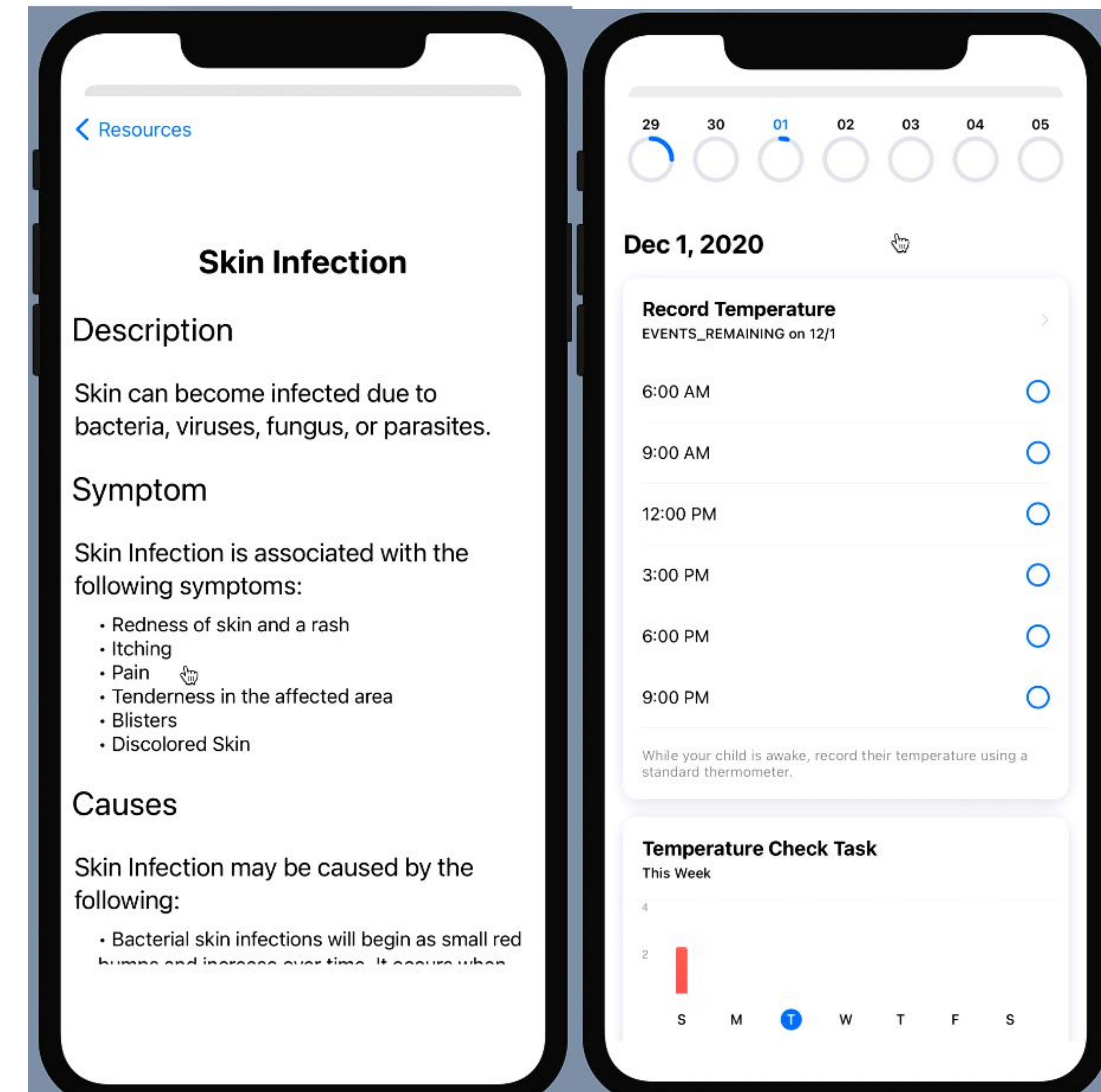
Motivation

- This application's main purpose is to provide parents with information about the symptoms a child may experience during illness and learn more about how to appropriately track their symptoms such as temperature, body aches, bathroom issues, and various other common ailments. In fact it will provide specific medical information about common children illnesses such as the causes and how to seek relief sourced from various online medical sources. Essentially it gives the parent user the tools to make decisions about their child's health.

- The intellectual merit in this project is giving parents and guardians the ability to track their child's symptoms when they are ill and the knowledge of various effects of common illness for children.

- We will continue to work on our application to ensure successful tracking, monitoring, and potentially improving children's symptoms. In addition, our application will also provide useful medical information to the user. Thus there is a net benefit to society as it will aid parents in taking care of their children.

Methods/Materials

- Used Apple's open source CareKit and ResearchKit

- Xcode and the swift programming language

- Github was used to allow team to view and branch off of created program files

- Trello to organize project roles, objectives, and tasks

- Created Symptom/Illness Compendium

- Created screens with detailed functionality to be implemented in the application

Acknowledgements

- Dr. Shalii Shah of Village Pediatrics
- Dr. Ken Hoganson
- KSU C-Day administration

Contact Information

- Jason Bice
  jbice2@students.kennesaw.edu
- Sqielyr Person
  spersonj@students.kennesaw.edu
- Aydan Mufti
  amufti1@students.kennesaw.edu
- Jason LaPrad
  jlaprad1@students.kennesaw.edu
- Eric Mo
  smo@students.kennesaw.edu