

Lauren

Well Check

Julie Bice

# FEEL BETTER: Pediatric Guide App

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#### 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.

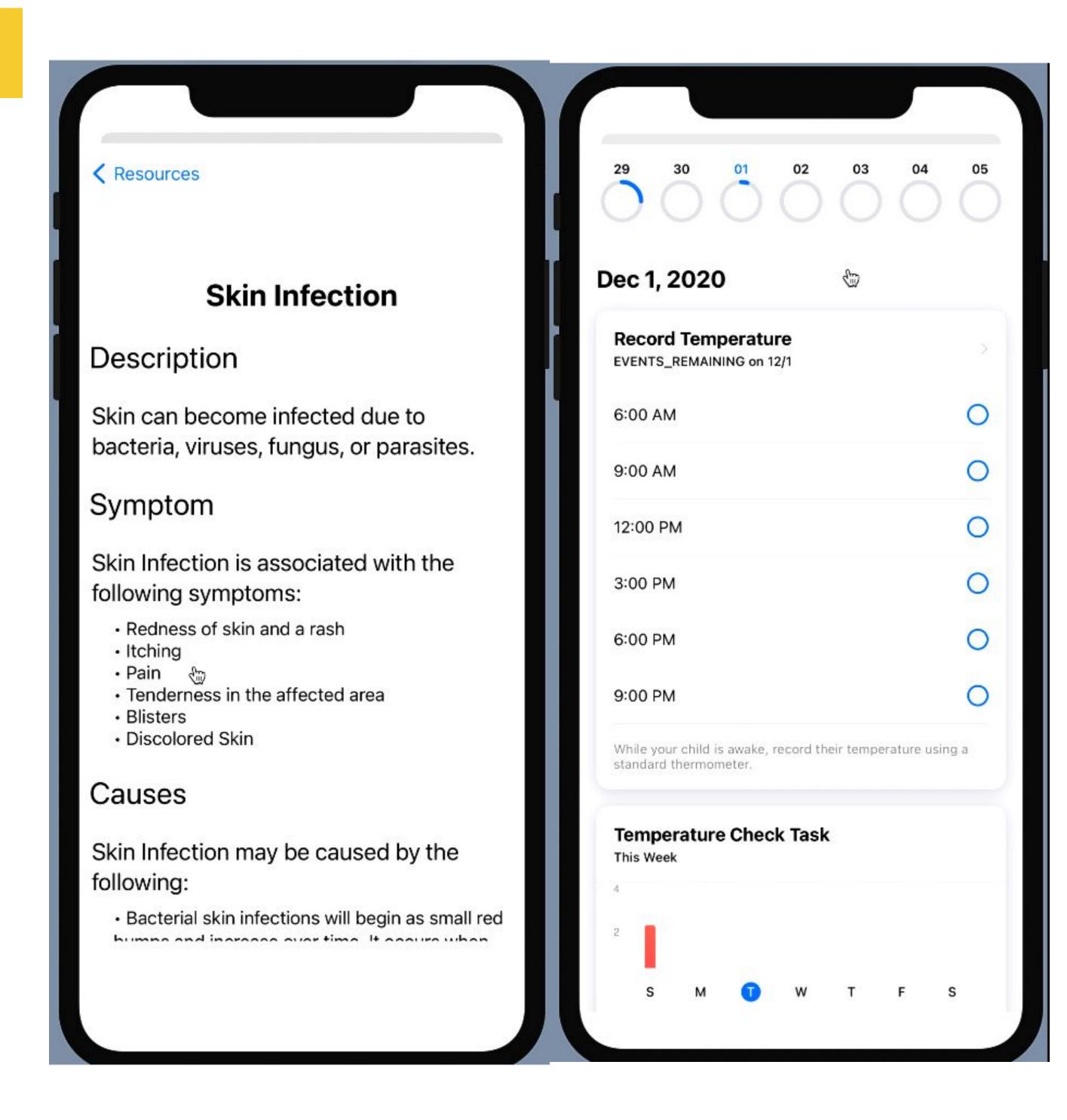
#### What's wrong with Julie? Insurance Details Resources **Appointments** Q 🕲 Completed Upcoming Saver Plus PPO United Health Care Member ID: 859173444 Bluish Lips or Face RX Number: Provider Contact: Member Contact: 877-842-3210 866-348-1286 Julie **Broken Bones** Whole Body Illness Amy Bice **Heart Murmu** 12/17/20, 1:45 PM Checkup Charlie Horse 12/30/20, 11:15 AM **Well Check** Cold **Medical Providers** Cold Sores **Allister** Pediatrician Cardiologist Constipation Headache Runny Nose Dr. Robert Zemekis Dr. Shalii Shah 7165 Colfax Avenue 9303 Lyon Drive Coronavirus Cumming, GA Hill Valley, GA 12/12/20, 11:15 AM 30038 (770) 555-4823 ℃ Cough (470) 578-3402 😵 United Health Care Dermatologist Dr. Emmet Brown Difficulty Swallowing 9303 Lyon Drive Hill Valley, GA Cancel Eye Redness

#### 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

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