We are creating a visual and instructional mobile resource to facilitate reviewing neonatal care procedures, performing calculations and provide various other tools related to neonatology.

**PROBLEM**

Nurses are lacking fast access to current point-of-care support tools to assist in daily neonatal care. The tools that exist are cumbersome, have too much information and are difficult to navigate quickly and effectively.

**SOLUTION**

We are creating a visual and instructional mobile resource to facilitate reviewing neonatal care procedures, performing calculations and provide various other tools related to neonatology.

**FIELD WORK:**

Interviews with stakeholder, Jocelyn Kirk, to understand the scope of the project. Gathered general content, specifically information on tools neonatal nurses use daily. Researched Open Date Kit for development implementation.

**RELATED WORK:**

- PedISTAT: a pediatric reference app.
- QxCalculator: medical calculator.
- NeoTube: instructional resource for intubation

**CONS:**

1. Content Heavy
2. Lacking Information
3. Navigation

**PROS:**

1. Aesthetic UI (some)
2. Intuitive Functions
3. Reference

**ARCHITECTURE AND PROTOTYPE**

User Centered Design - Educate Effectively - Maximize Efficiency - Minimize User Error

**SPRING TIMELINE**

- **WEEK 1:** Android Platform, Basic UI, Related Tests Calculators, Contextual Inquiry.
- **WEEK 10:** Audio Search App, Favorite Function, Usability Testing & Improvement
- **Audio Recording & Transcribe, Barcode Scanning**