

Neo Natal Assist

CSE481K/HCDE496
(Winter 2013):
Designing Technology
for Resource Constrained
Environments

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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

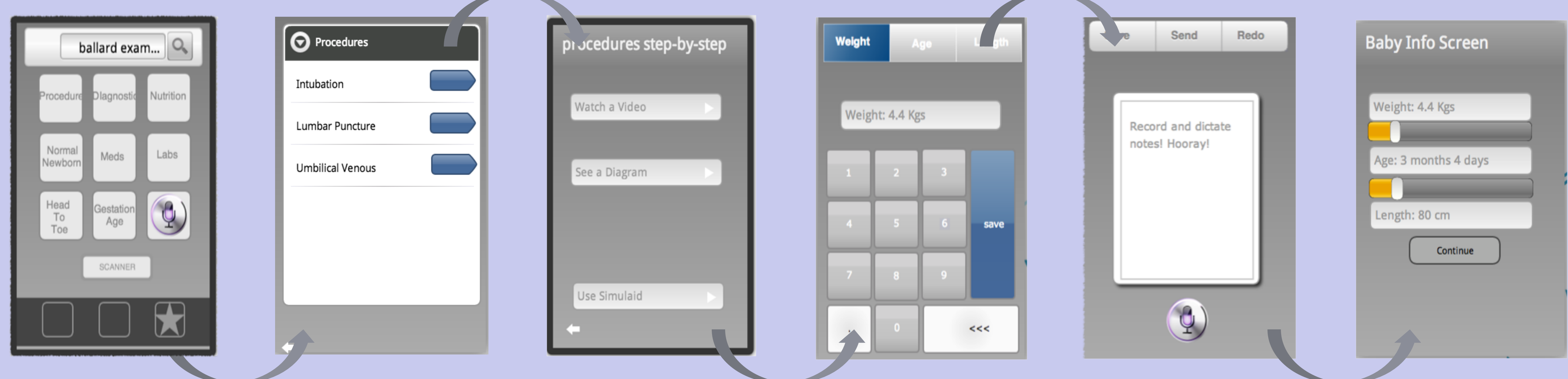
PROS:

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

CONS:

1. Content Heavy
2. Lacking Information
3. Navigation

ARCHITECTURE AND PROTOTYPE



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

