A Prototype of mobile app^n for

A ~~Mobile Application Prototype of~~ Neonatal Hyperbilirubinemia ~~Tracking and~~ Detection in Infant using Image Processing Techniques.

Group Members

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Advisor

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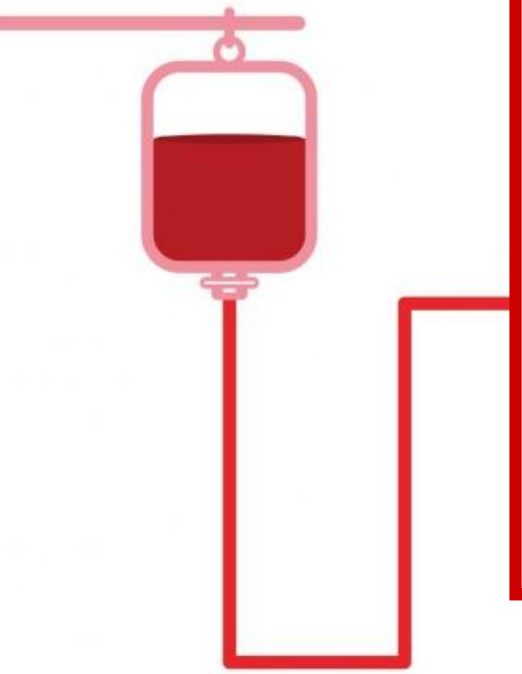
- Neonatal hyperbilirubinemia is one of the most important diseases that can harm a infant.
- Usually found 2-3 days after birth about 20-50%.
- As a result of the breakdown of the red blood cells.
- transcutaneous bilirubin, (TcB) measure the forehead area.
- Usually occurs in infants who can return home.
- Some parents do not know or can not take the baby to heal in time.

Objective

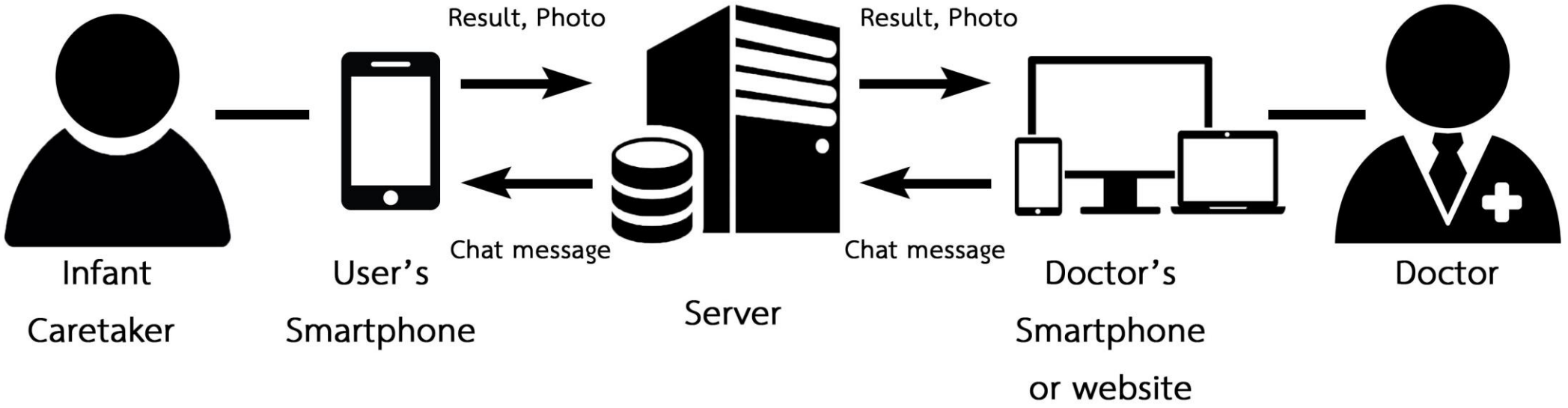
1. ~~Create the~~ Develop a mobile application that can ~~help~~ detect in infant's ~~caretaker about~~ Neonatal hyperbilirubinemia

Scope of the project

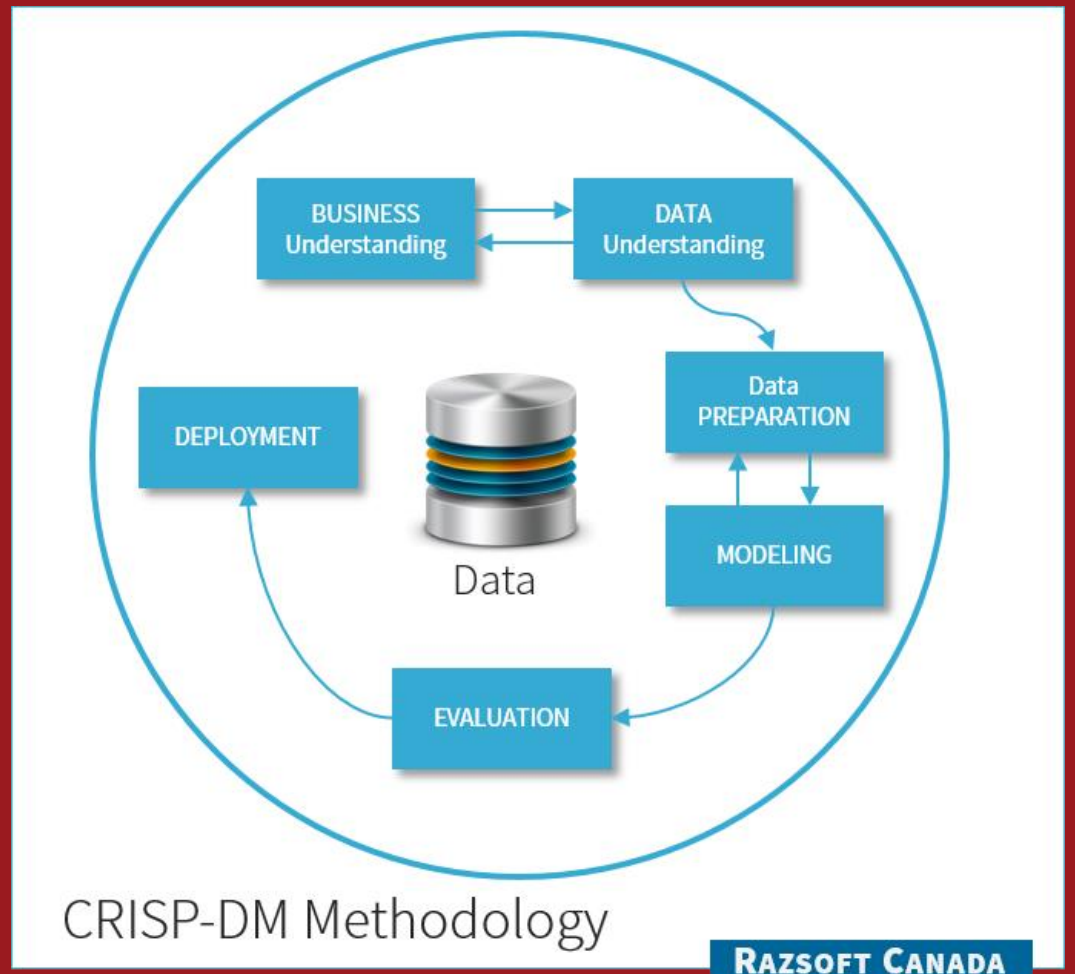


1. It can screen infant who have Neonatal hyperbilirubinemia.
2. It can sent data between infant's caretaker and the doctor.
3. It can keep basic information of infant.

Analysis | System Architecture of system



Analysis | CRISP-DM



Project progress

MENU

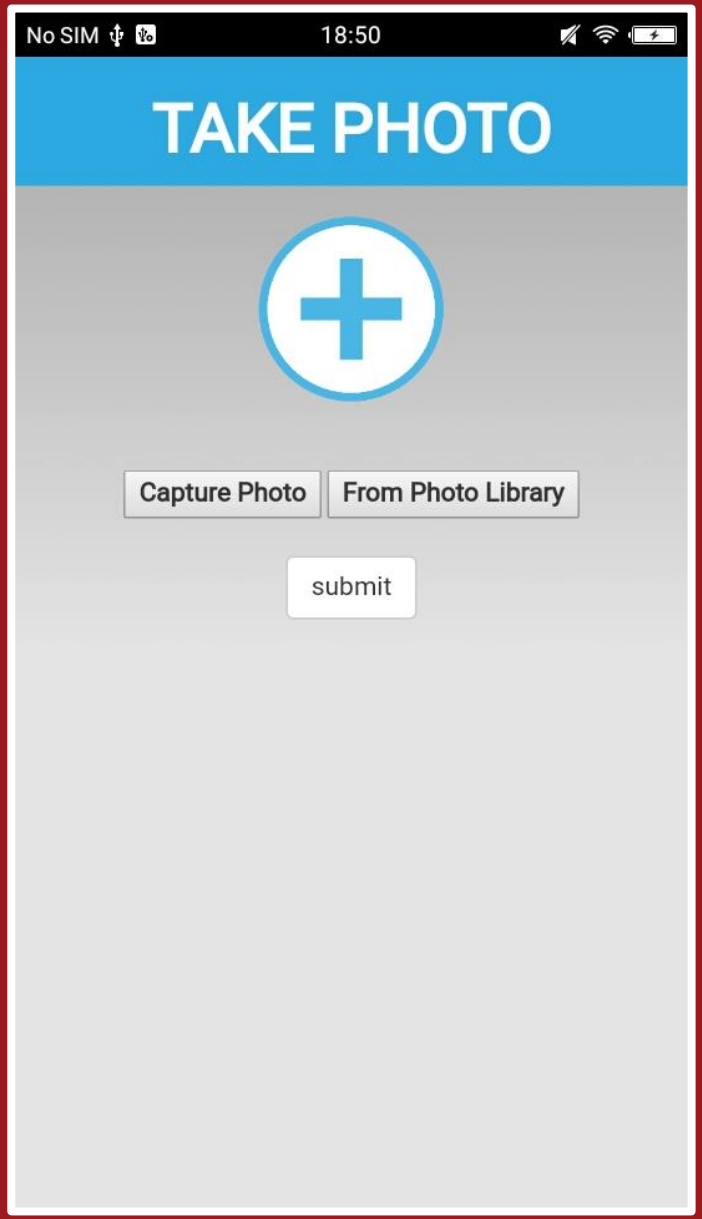
- Analysis
- Doctor
- Graph
- Information
- Log in

Project progress

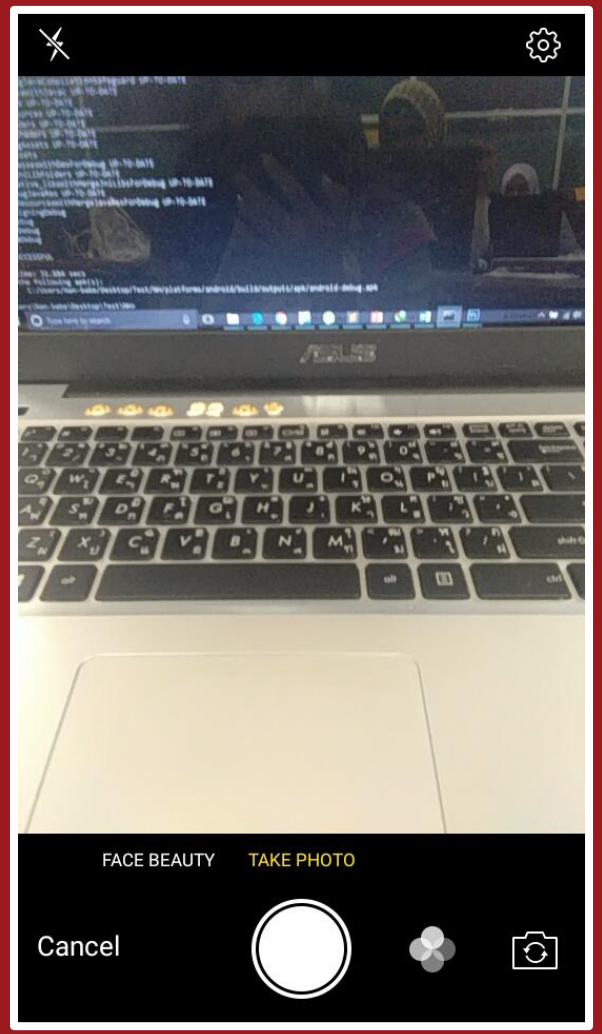
Analysis

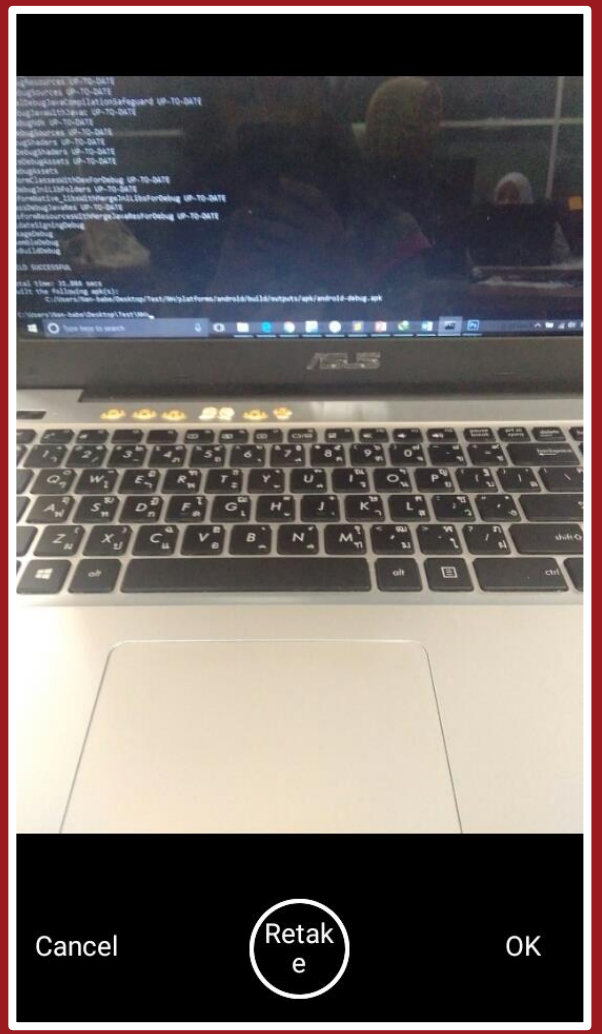
Analyzed menu

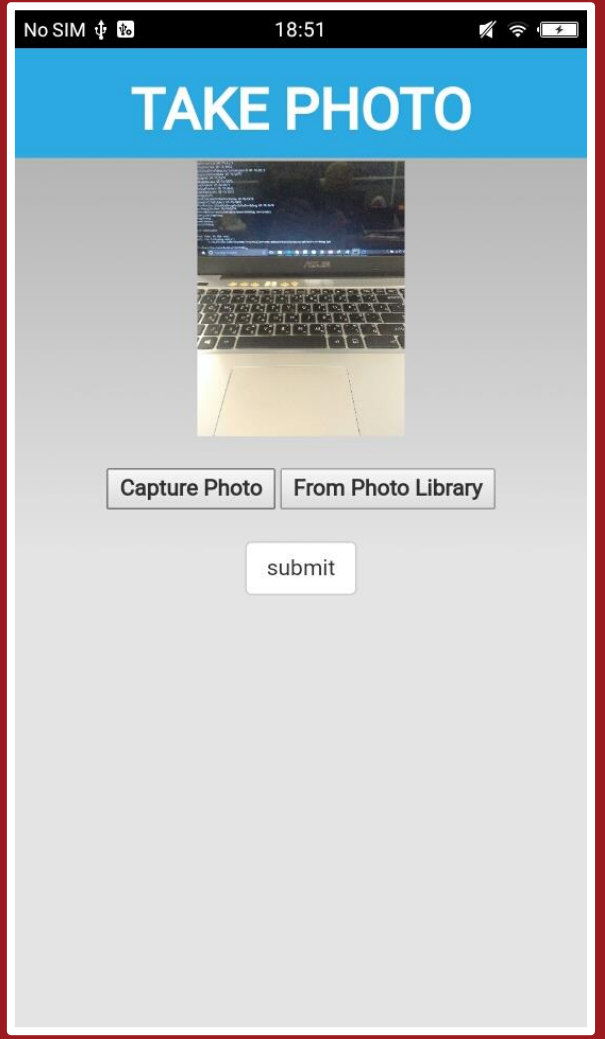
- It can take a photo.
- It can Choose photo from library.
- It can show photo when you capture or choose photo.
- When you click submit, It show analyzed RGB value and Ratio value.



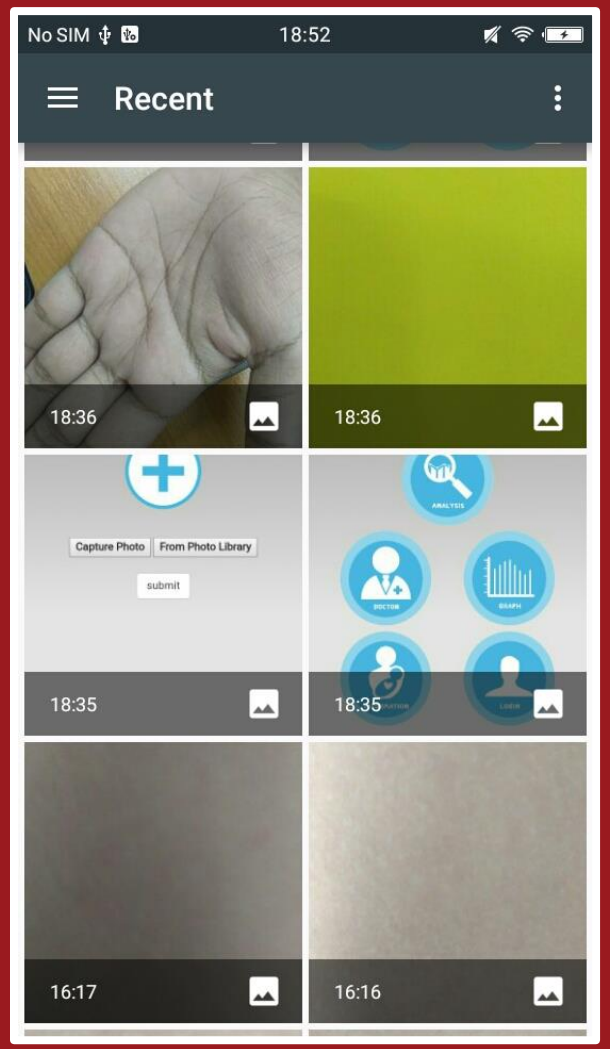
Project progress

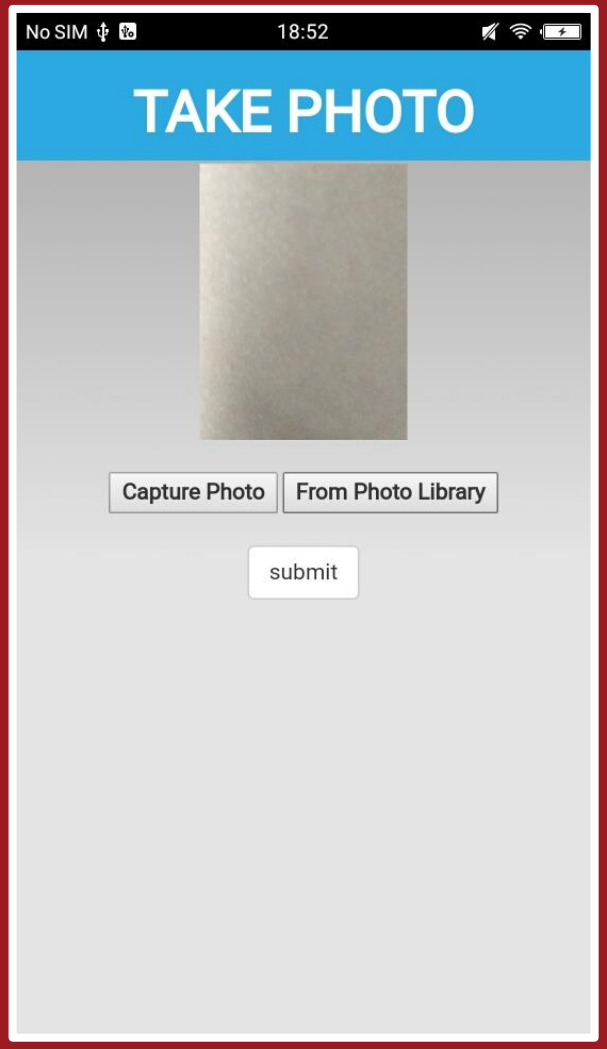


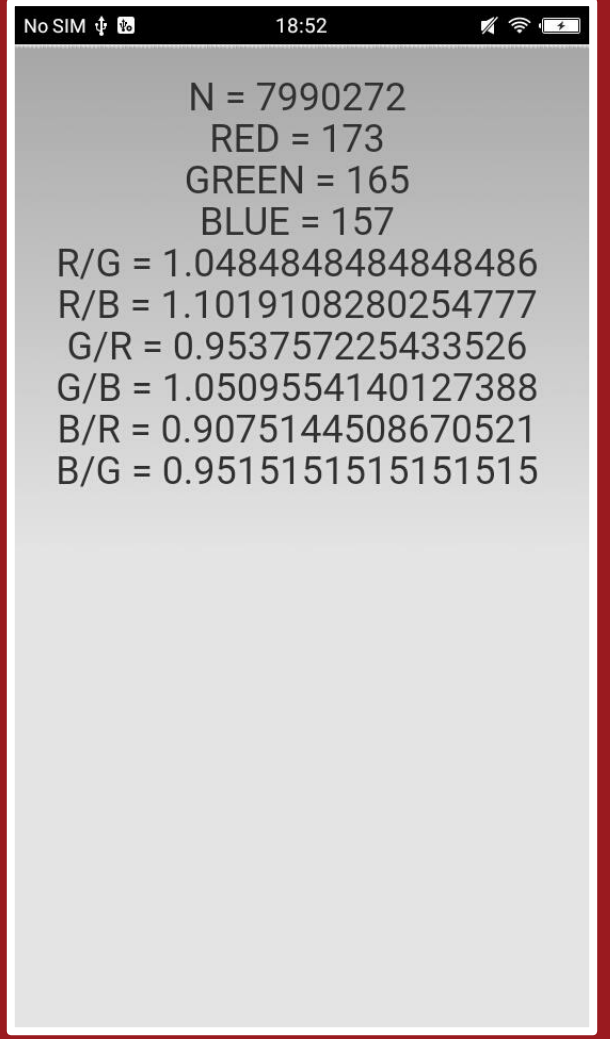




Project progress



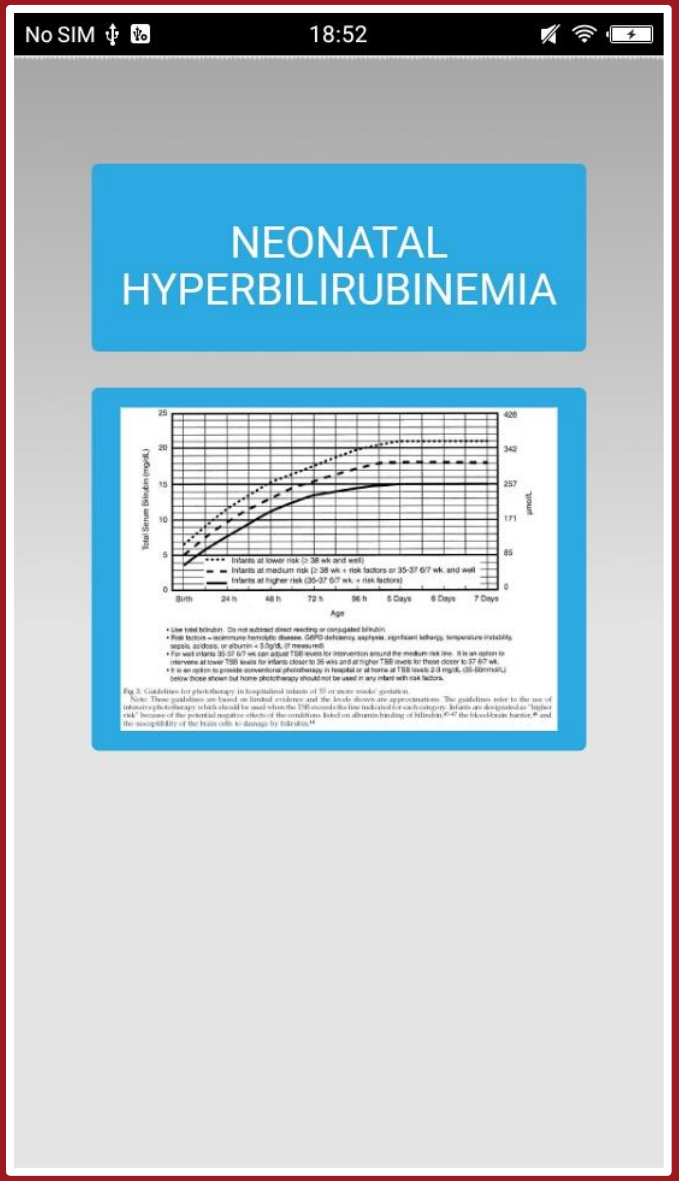




Project progress

Graph menu

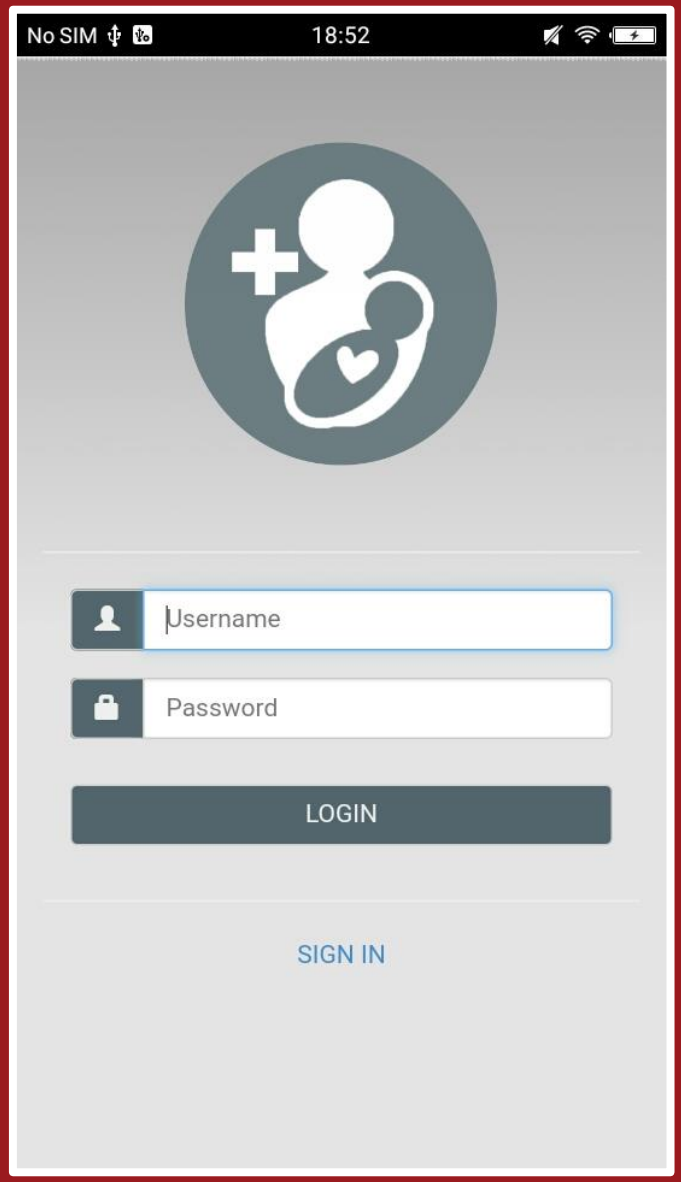
- It can show graph of Neonatal Hyperbilirubinemia and ~~knowledge~~ information



Project progress

Login menu

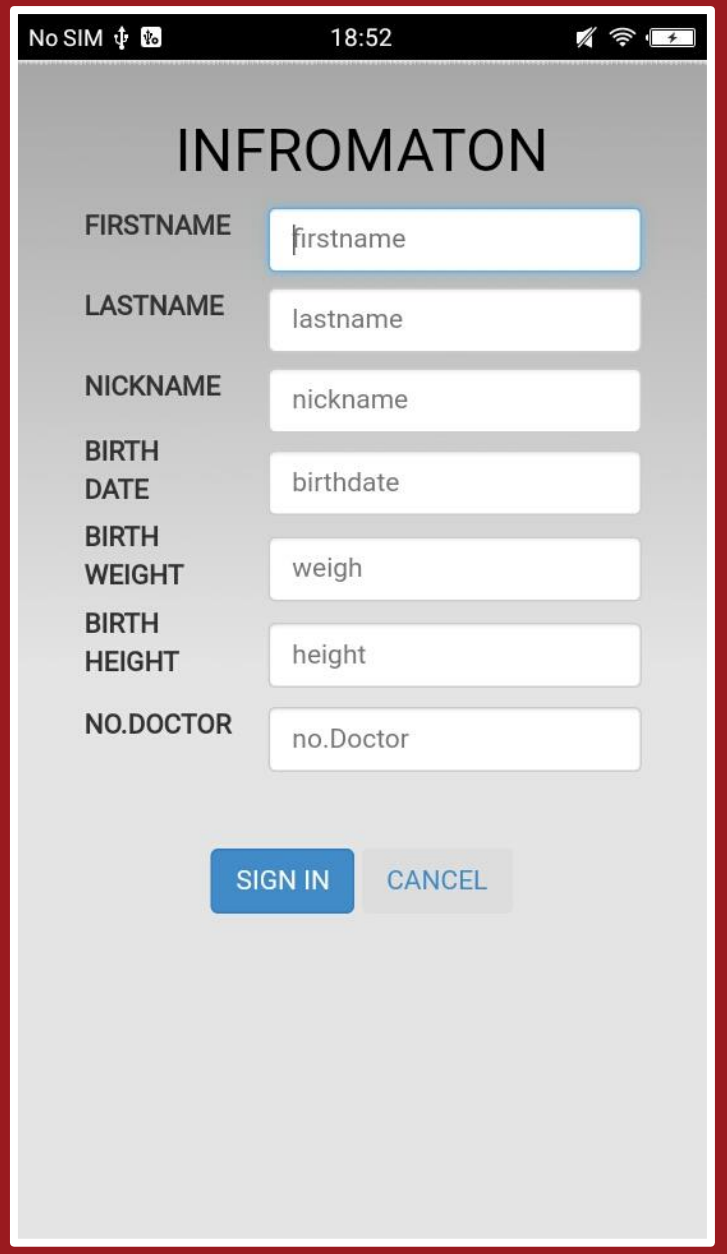
- User can put username and password.
- User can login and register application.



Project progess

Information menu

- User can put their information for register.



Method to developed work

Mobile Application

- The application cannot connect a database.
- The application cannot sent data between infant's caretaker and the doctor.

Analysis

- The application has no analyzed model for Neonatal hyperbilirubinemia.

Thank you