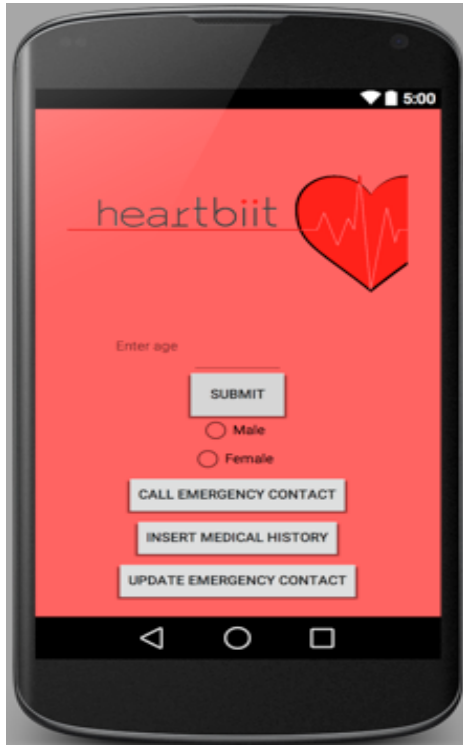
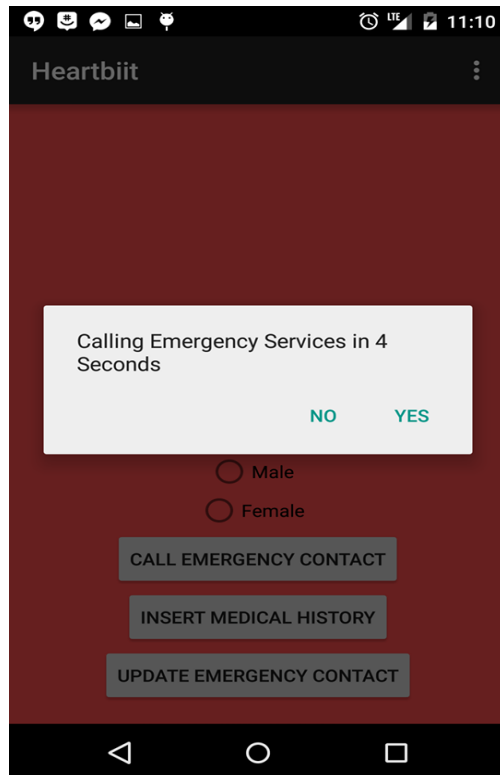
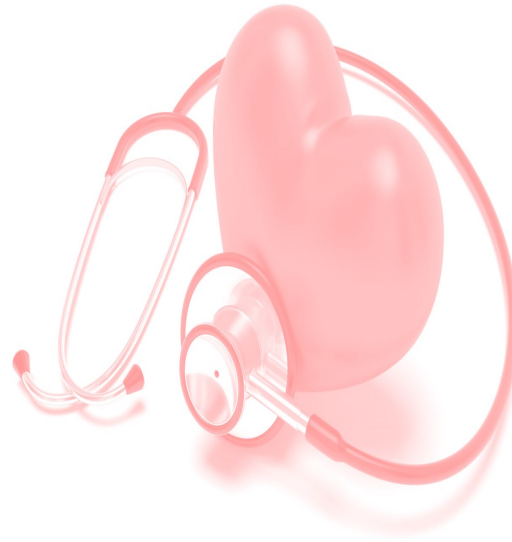


# On Screen Appearance



Home Screen . Provides simplicity with maximum efficiency.



Automatic Response Screen With Fail Safe Termination Option.

## Contact Us

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- [https://github.com/shuxu94/  
Heartbiitt](https://github.com/shuxu94/Heartbiitt)

*"Sometimes the heart sees  
what is invisible to the eye."*

*- H. Jackson Brown, Jr.*



## Heart-Breaking Problem

- Heart disease kills about 600,000 people in the United States every year- that's 1 in every 4 deaths
- Heart problems are the most common type of medical emergency and in the case of one, it is vital to call emergency services immediately.
- Unfortunately, patients who first begin to experience symptoms of a heart problem such as a heart attack may be unable or reluctant to contact emergency service. Patients may be debilitated or not positive whether the symptoms they are experiencing are serious or not..
- This wasted time is absolutely detrimental to the patient. Each second longer increases the damage to your heart and decreases your chances of survival

## The Solution

We have developed software for one of the most popular fitness trackers, the FITBIT® Charge HR+, that will be able to efficiently and accurately detect a heart rate abnormality. The user only needs to be wearing the device in order to be provided with the full functionality of the system. The system is unparalleled in that no other competitor provides a simpler user experience. In an emergency, competitors need the user to either press a button or dial a phone to contact EMS. We take response time to the next level by automatically contacting EMS when an anomaly is detected. A user may be in too much pain or in a situation where they may be in a state of paralysis, so we provided a system that overcomes any dilemma. The system utilizes the newest and most recent model of the FITBIT® so that users are comfortable, fashionable, and pleased with our service.

## Features

- Personalized Heart Rate Range Analysis
- Detects Heart Rate Anomalies and automatically contacts emergency services.
- Input Pertinent Medical Information (blood type, prescriptions, etc)
- Automatic GPS location detection
- SMS Messages to Emergency Services with Medical information and GPS location.
- Fail Safe system for false anomalies
- Add Emergency Contacts to be notified via SMS messages in case of an emergency.
- Set Medication Alarms
- Personal Calibration Range if desired
- Extremely Simple User Interface
- Minimal User Maintenance

## System Requirements

- Fitbit Charge HR+
- Android Device with at least JellyBean operating system and ANT network protocol
- Enabled Android Location Services
- Internet for GPS location detection feature