

Arrhythmic Rhythm



Arrhythmic Rhythm is a digital heart monitor that records irregular heart rhythms for people living with cardiac arrhythmia by placing their index finger on the home button capturing their heart rate on a phone app.

“Track your heart rhythm one beat at a time!”

The **Arrhythmic Rhythm** is a cutting edge app that gives users living with cardiac arrhythmia the ability to record irregular heart rhythms by using their index finger on the home button of an iPhone or Android phone. Once it records the arrhythmic activity taken place, it generates a report containing a screenshot of the arrhythmic wavelengths, time stamps of the duration of the arrhythmic episode and symptoms experienced and inputted by the user. The user has the option of sending this report to their physician(s) with just one click of a button.

Describe four specific functions that your app will do. List these ideas in order of importance, with the first idea being the most important.

1. Record irregular heart rhythms by using your index finger on the home button of an iPhone or Android phone that alerts you on what type of heart arrhythmia you have.
2. Input irregular heart rhythm symptoms that you're experiencing.
3. Generate a report containing a screenshot of the arrhythmic wavelengths, time stamps of the duration of the arrhythmic episode and symptoms entered by the user.
4. Send a report to your physician(s) with just one click of a button.

List 4 potential roles that are a part of your initial user target group. Then, expand on one of the roles with a detailed profile description of one of these potential users.

1. People living with a heart arrhythmia.
 - Tim is a 30 year old living with tachycardia. He lives in an apartment in San Francisco making a living as a musician. Apart from music, he enjoys playing basketball and mixed martial arts.
2. People who want to improve and be proactive about their health.
3. People who are medical professionals in cardiology such as cardiologists and cardiology nurses.
4. People who are researchers conducting breakthrough studies on finding cures to heart arrhythmias.

Come up with 4 client/designer goals for your app design. You don't have to assign these to a category (political, social, etc). List your goals in order of importance, with the first goal being the most important.

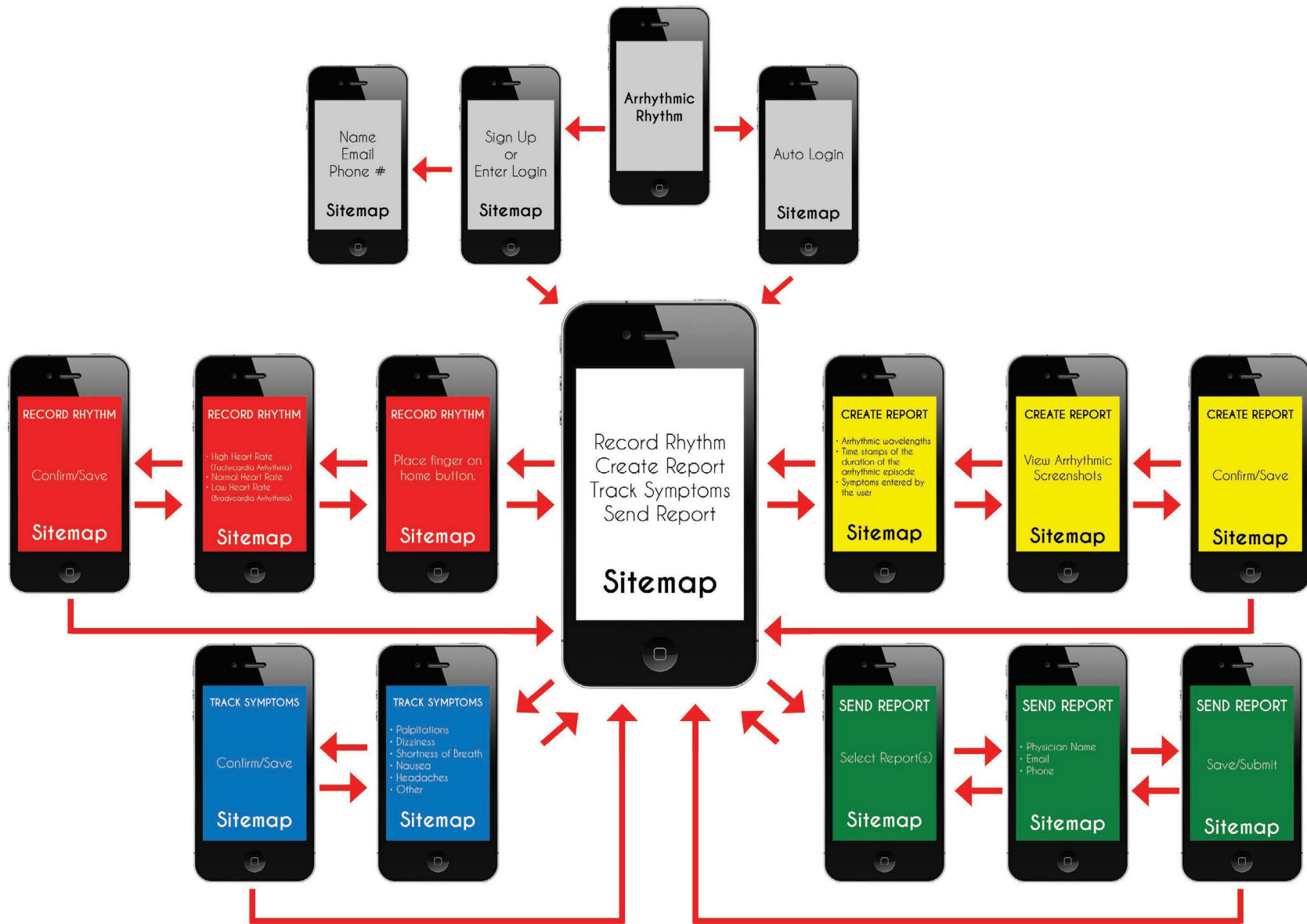
1. Provide ease of use and peace of mind for those living with heart arrhythmias.
2. Earn money from downloads and banner ads.
3. Market as the leading and recommended app brand by medical professionals.
4. Provide an innovative app within the medial industry.

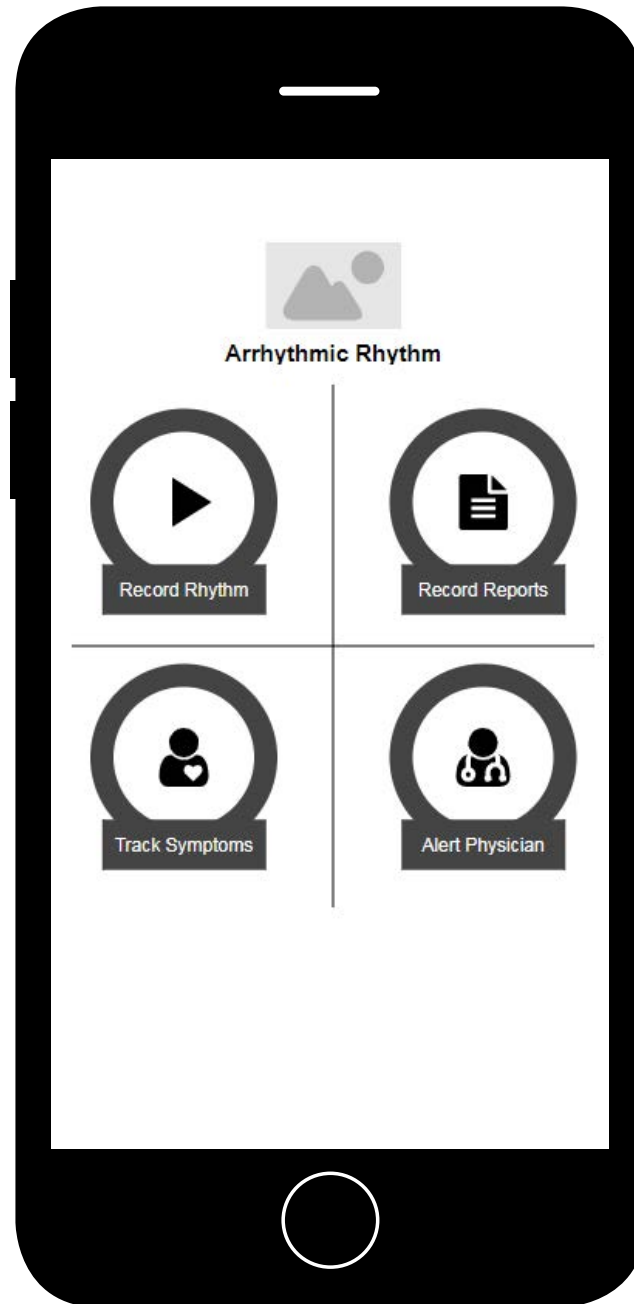
Name and briefly describe 3 existing apps that are similar to your app idea.

1. Instant Heart Rate: HR Monitor - The most accurate and easy-to-use heart rate app to get your heart rate in less than 10 seconds, check your stress levels, and see trends and insights by using your camera's flash to see how healthy you are.
2. Cardiio: Heart Rate Monitor - Cardiio helps you measure your pulse (heart rate) using your phone camera, learn how the numbers relate to your general wellness, perform effective workouts to get in shape, and track your progress.
3. Heart Rate Plus: Pulse Monitor - The Heart Rate Plus app will measure your heartbeat with great accuracy, using your smartphone's camera and flashlight by processing the images of your pulse on your finger!

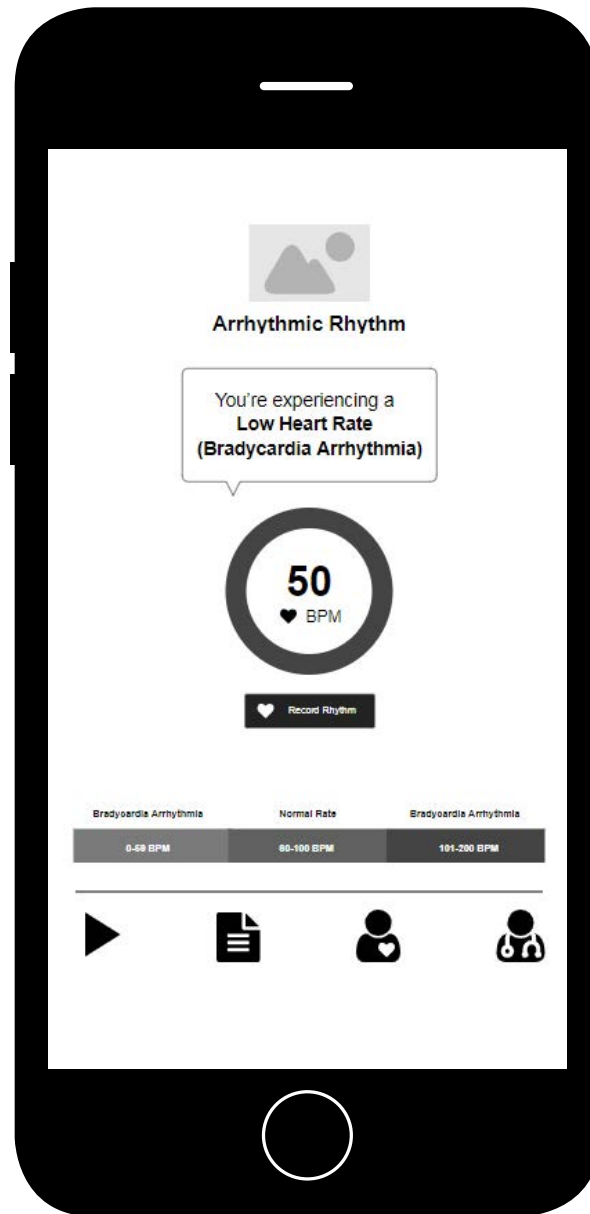
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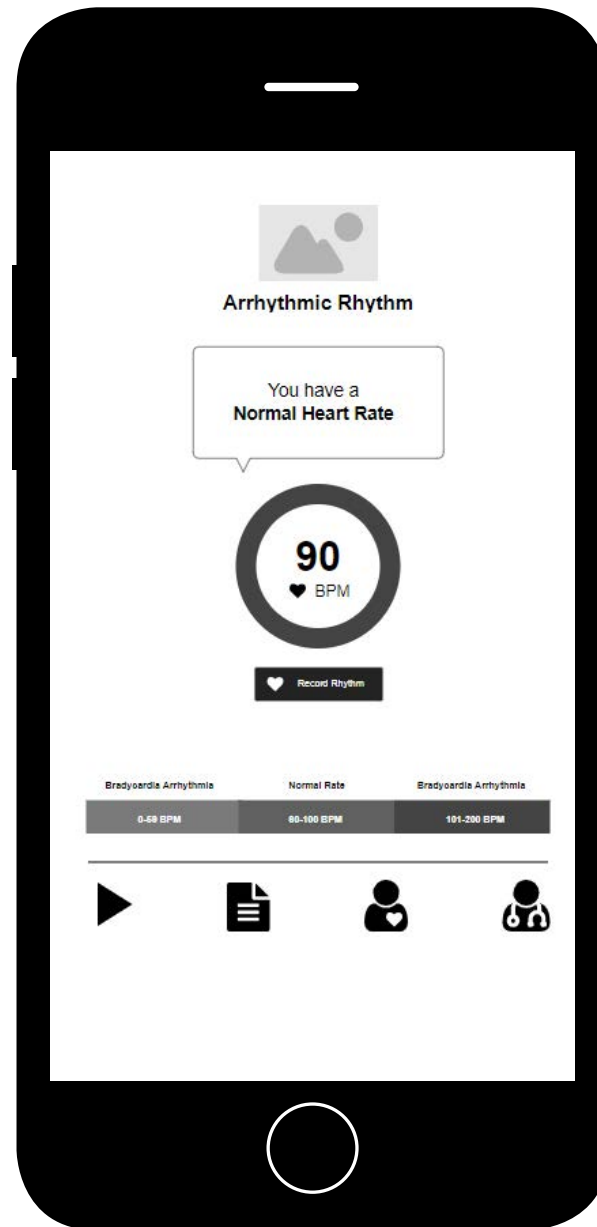




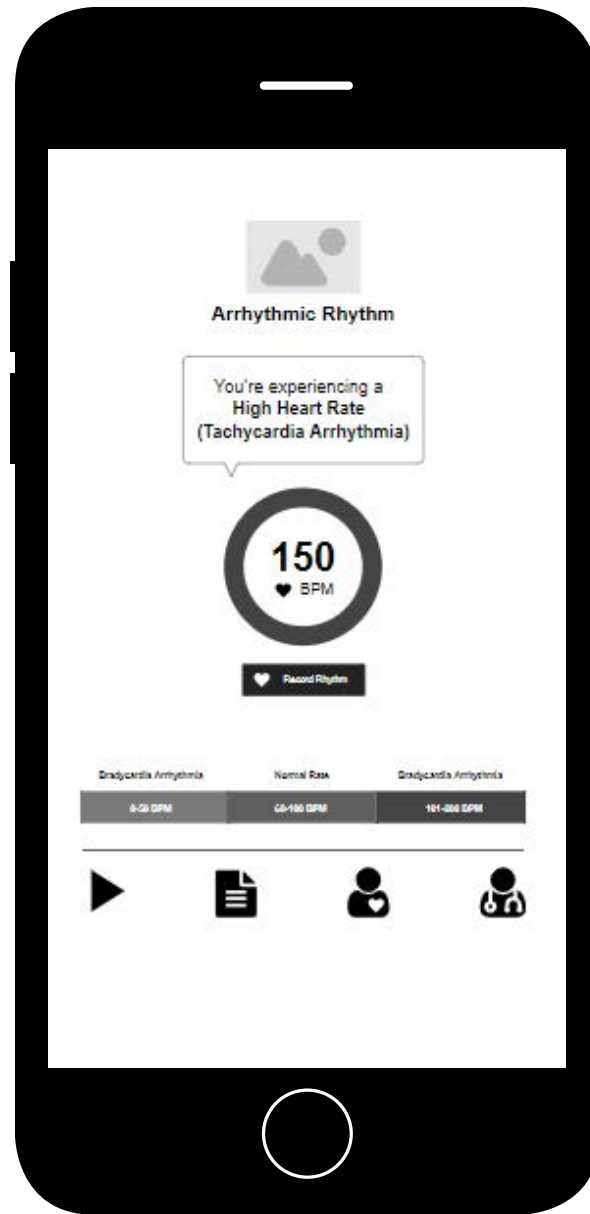
Splash Screen



Low Heart Rate Screen



Normal Heart Rate Screen



High Heart Rate Screen