

Team 6:[Rhythm Reloaded]

The Project: An Electronic Stethoscope

- ◆ stethoscope will record audio from patient's body and store it as an audio file
- ◆ audio files can be stored for a patient's file, can be used for education purposes, can be emailed to a colleague for a second opinion, or can be listened to on the stethoscope at a later time
- ◆ stethoscope will connect to a computer with USB for easy transfer of audio files
- ◆ high-quality headphones will connect to the housing of the stethoscope with a standard headphone jack
- ◆ three listening modes will be available: bell, diaphragm, and extended
- ◆ target price for the stethoscope is approximately \$200



Andy Gabler, Nate Brinks, Ben Moes, David van Geest

