



HEART RATE ADJUSTER

Presentation Slides

GROUP #12

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Software Engineering

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Heart Rate Adjuster



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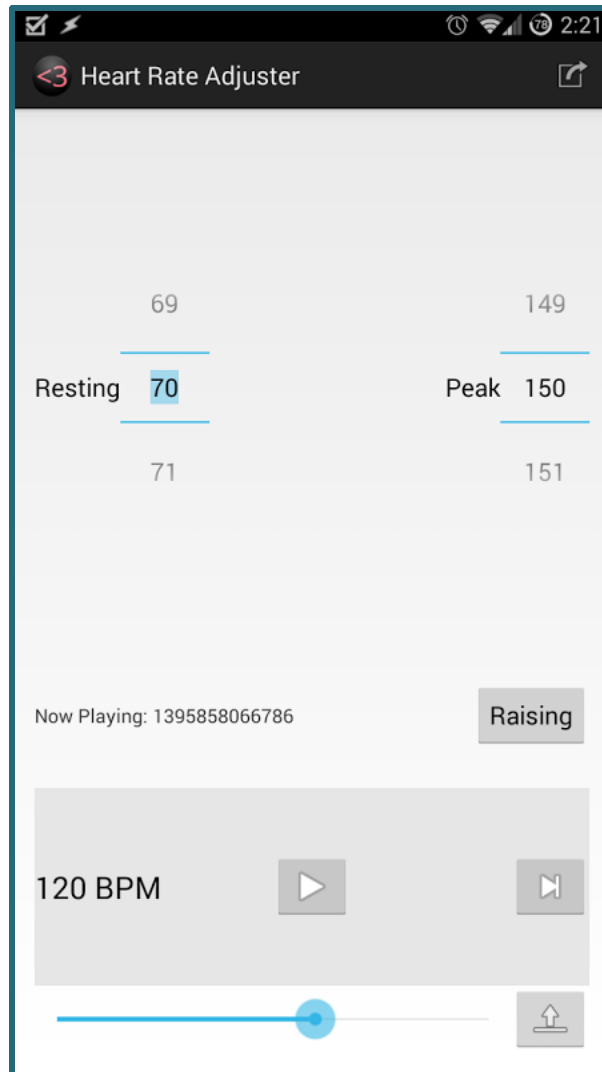
The Issue

- Working out is difficult
- Maintaining motivation is difficult
- Understanding your performance is difficult

The Solution (Our Product)

- Android Application
- Music Player + Heart Rate Monitor
- Helps reach a target heart rate
- Own algorithm relating **tempo** with **heart rate**

Graphical User Interface



- Toggle Playback
- Skip Track
- Adjust Target
- Graphs



Music Player

- Own algorithm to relate **music tempo** to **heart rate**
- Chooses an **appropriate track**

Data Manager

- **Receives data** from Heart Rate Monitor
- **Logs session data** in a database
- **Constructs graphs** based on logged data

Looking Ahead

- **Integrate** Data Manager with UI seamlessly
- Develop more **advanced** and **aesthetically** pleasing graphs
- Fine-tune UI to **simplify** yet **maximize** user experience
- Develop **Heart Rate Monitor** subsystem

Any Questions?



Thank you for listening and check out our website!

<https://github.com/revan/HeartRateAdjuster>