

Meeting Notes

Jan 17 2023

Meeting with Doctors

- During PNS activation the metacognition about behavior is decreased
- Want big variability between inhale and exhale
- Allow for export of data for clinical review. How to safeguard this data Current work
- Have HRV set up. Have different zones for variability
- When there is an alert more data is added to improve the machine learning model Next Steps
- Validate that the measurements being made are accurate and the proper approach is being made
- Confirm the best approach to calculate HRV and have reliability measures
- Have capability for the exporting of data
- Read research paper for HRV and think about that in the terms of Apple Watch hardware
- Should combine applications at some point if possible or pick the app that works best
- Review the codebase and improve/add documentation and centralize this documentation
- Add export to csv/excel. How much data can be stored on the device vs data stored to a phone

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MEETING WITH PROF

- ☐ Figure out who the users are and what they need @Stank
- ☐ Create a diagram of the Users and Requirements @ddalton
- ☐ Determine what is needed to even start development @BloodEagle
- ☐ Write a paragraph on what should be delivered

Jan 23 2023

LECTURE WITH PROF

- Have wiki notes consolidated into one document once done
- Have things added as functional and non-functional requirements
- Have learning involved to predict when a stressful event will occur and is machine learning needed vs just increasing the frequency of record taking
- Still need access to the code base to add feature notes and should collaborate with sponsors to understand the features they want to add