# HRV Database Justification

Brady Dullanty

February 2025

## Justification

Our sponsor is looking to store anonymous data with details such as gender, weight, medications, and more for research purposes, centered around HRV data. As such, we have decided to use a relational database for easy queries to allow researches to amass data to assist in finding correlations between the health metrics and demo graphical information and HRV issues. This allows for easy data searches,an aspect that a flat file style would make much more difficult to parse. Examples of searches include finding all information around people with certain medications and their events compared to those who do not have that medication, or a search that shows all user flagged information where the program did not pick it up.