IEEE P1752.2 CardioRespiratory Measures Subgroup
Minutes of conference call held on June 30, 2022

Conference call started at 15:00 UTC (8:00 AM Pacific Time) on IEEE Webex
Attendance: 6 Attendees

Connor	McGraw	Wake Forest
Josh	Schilling	Vibrent Health
Sakshi	Sardar	Critical Path Institute
M. Sabarimalai	Manikandan	Indian Institute of Technology Palakkad
Paul	Steiner	Dartmouth College
Kevin	Clark	Biomedicine domain champion, NSF

Agenda**:**

- Attendance and introductions
- Review of prior minutes, approved
- Topical presentation: Use Case – Starting Point / Open mHealth, Existing Standards (using Heart Rate metric example)
- Discussion of range of use cases
- Other business: Next monthly meeting time preference

Today's meeting first focused on introducing an example use case ("Clinical Care: Burden of Atrial Fibrillation"), primarily honing in on the heart rate (and/or pulse rate) and rhythm status features. A survey of some of relevant lexicon standards (SNOMED CT) and existing Open mHealth schemas ("heart rate, rr interval") were shared, along with the accommodation of Apple Healthkit schemas accommodated in Open mHealth using "Granola". This discussion was not intended to be comprehensive, but sampled starting points for consideration of schema construction relevant to specified use cases.

General use case paradigms again were summarized (reviewing some of what also was discussed during the previous 2 subgroup meetings), along with examples of possible use cases for consideration. It was suggested that we pursue a goal of 2 use case proposals each month, and build a series of representative use cases spanning the range paradigms.

With the introductory consideration including a review of some "nuts and bolts" issues regarding data repository options. Particularly there was a focus on the use of the IEEE P1752 iMeet tools for secure organization and storage of draft documents that are the product of our work (particularly the cardiopulmonary schemas that we create). Version control was demonstrated, as some editing tools and other iMeet site resources potentially useful to the subgroup.

Action Items:

- Preparation of use case presentation in July addressing "fitness / performance / athleticism": Focus on heart rate recovery as a use case…
- Preparation of use case proposal fitting the Health Care paradigm.

———

Next meeting: July 28, 2022 at 15:00 UTC (8:00 AM Pacific Time)
Minutes taken by Paul Steiner (Dartmouth)