IEEE P1752 Sleep Subgroup Meeting

Minutes of conference call held Sept 17, 2019, 8:30AM Pacific daylight time

Conference call started at 8:33 AM Pacific Standard Time on Zoom

Slide deck presented by subgroup Chair Charlotte Chen (available on iMeet)

Attendees:

Charlotte Chen (Philips)

Simona Carini (UCSF)

Paul Harris (Univ. of Melbourne)

Banu Rekha (PSG College of Technology)

Josh Schilling (Vibrent Health)

Agenda

1. Modified Timelines
2. Update from qualitative schema task group
3. Update from the quantitative schema task group
4. Action Items
5. Q&A
6. Adjourn

1. Modified Timelines

* A pivot decision has been made on the qualitative sleep schemas after discussions with IEEE: Instead of using the clinical validated questionnaires (almost all of them need some kind of permission to use), a set of sleep questionnaires will be created and reviewed by the sleep subgroup. Then the corresponding schemas will be drafted. This set of questionnaires should represent/include various types of survey questions and answers. On the other hand, the quantitative sleep task group will start the schema validation without waiting for CLAs.

2. Update from qualitative schema task group

* A set of 26 sleep questions have been drafted by Banu
* Feedback has been requested from group Banu will upload the questionnaires and send an email to the group)
* Suggestion from Simona:

-break down the questionnaires into a few sets of 4-5 questions

-add survey score for one of the set to show as an example of survey score in a schema

* Once receiving feedbacks from the group, we’ll finalize the questionnaires and stat to draft schemas

3. Update from the quantitative schema task group

* All quantitative schemas have been validated by using the tool Simona has suggested. The results have been uploaded to iMeet (Review folder)
* There are some warnings from the validation (e.g. related to JSON Schema version, others)
* Josh has suggested to look into another validation tool (Paul has tried and got more warnings). Simona and Charlotte will take a look.
* We’ve agreed on compliance with the latest JSON Schema version 7 (instead of 4). Paul and Charlotte will update the version in all the schemas
* We’ll review/discuss/decide on all the warnings by Sept. 20
* Next steps are to present the validated schemas the WG, the full WG will then review the schemas and the sub-group will then address any WG comments received.
* Suggestion: To enable us to validate schema sample data, one possible approach is to set up project/file structure on [GitLab](https://gitlab.com/IEEE-SA/BioCompute/bco-schema). Make sure “don’t open source” until we’re ready. Simona will coordinate this effort

Action Items

* See above

Next Call: Sleep Schema call will be Oct 8 (tentative)

Minutes taken by subgroup chair Charlotte Chen

Conference Call adjourned 9:23AM, PDT