IEEE P1752 Minimum Metadata subgroup
Minutes of conference call held on December 17, 2019 at 9 am Pacific Daylight Time

Conference call started at 9:00 am Pacific Daylight Time on zoom

Slide deck presented by Chair Dr. Ida Sim (available on WG website)

Attendance:

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Simona</td>
<td>Carini</td>
<td>UCSF / OmH</td>
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<tr>
<td>Anandatirtha</td>
<td>Nandugudi</td>
<td>University of Memphis</td>
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<tr>
<td>Ida</td>
<td>Sim</td>
<td>UCSF / OmH</td>
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<tr>
<td>Paul</td>
<td>Harris</td>
<td>University of Melbourne</td>
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<tr>
<td>Anna</td>
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<td>Consultant</td>
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<td>Sean</td>
<td>McConnell</td>
<td>AMA</td>
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<td>Henry</td>
<td>Ogoe</td>
<td>VA</td>
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Agenda:

- Last call’s action items
  - Still following up with AMA for the BP example
- Drafting the Metadata schema
  - Draft header.json
    - Description – “header of datapoint” in place of transaction
    - Id scheme for id generation – required?
    - Acquisition rate
      - It is uniform – add it to the description
      - Do we need a separate metadata to address irregular sampling rate?
      - Assumption is regular rate
      - For irregular sampling, data points are unique – no need for acquisition rate for this case
      - Do we need to address the case where the sampling rate is not in the order of HZ
        - Allow both Hz and frequency
      - Have more options for acquisition rate such as /day, /month?
Difficult to scale so will not support
  • Optional property
    ▪ Modality – is it a required property?
    ▪ Decided on optional

• Datasheets – assumption is it captures/has all the details about the property
• Schema id
  ▪ Need to think about the Namespace for the P1752 schemas.
  ▪ URL required?

• URI and URI-reference
  o We will not be using URI-reference, which defines relative path, because datasheet can be in locations with no relationship to other datasheets.
  o If the values in the schema [have] the ability to be relative to a particular source path (such as a link from a webpage), it is generally better practice to use "uri-reference" (or "iri-reference") rather than "uri" (or "iri"). "uri" should only be used when the path must be absolute.
  o Needs further investigation
  o If we cannot conform to URI standard, just use a string
  o Need not follow the internet protocol, for e.g. can have a phone number.

• Other comments
  o Need more real-life sample data to stress test the schema
  o Source creation time stamp – Still cannot capture intermediate stages of data travel
  o

Comments in the chat:
https://www.openmhealth.org/documentation/#/schema-docs/schemas/omh_frequency-unit-value

URI: URL or URN - https://stackoverflow.com/questions/4913343/what-is-the-difference-between-uri-url-and-urn
IRI adds support for international characters (for better or worse) - https://blog.4psa.com/url-urn-uri-iri-why-so-many/

Action items:
• General principles for generating Datapoint ID
  o Consult with Brian
• Simona Carini: investigate the difference between URI and IRI
• Simona Carini: model sampling rate so that it can be represented in either Hz or a frequency-unit-value object
Conference call adjourned 10:00 am Pacific time
Next call: Tuesday TBD Jan 7 / Jan 14 at 9:00 am Pacific Time

Minutes taken by Subgroup Secretary Anand Nandugudi, University of Memphis