

P1752.2 Metabolic Subgroup Meeting

Working Group Sponsored by IEEE Engineering in
Medicine & Biology (EMB) Standards Committee

12 September 2023

Teleconference

Agenda

1. Attendance
2. Review of action items
3. Review of tasks
4. Other business

Review of Tasks

Body weight: Draft schemas

Draft schemas available for review in [iMeet folder](#)

Body weight:

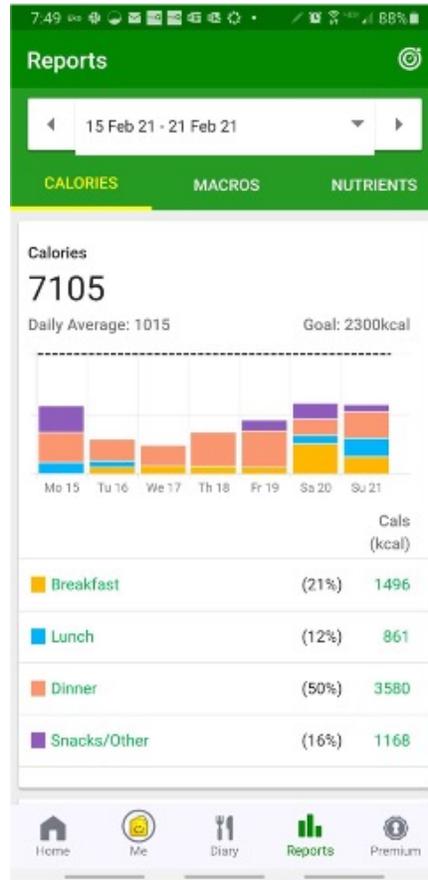
Digital Medicine Society's [Library of Digital Endpoints](#)

- [NCT05874635](#): [CGM use](#), change in weight as one of primary outcomes (no info on type of scale)
- [NCT05877547](#): treatment of NASH, change in weight as one of secondary outcomes “Body weight (kg) will be measured using a standardized, digital scale”
- [NCT05869812](#): [BIA](#), change in fat mass, muscle mass “body composition analysis via bioelectrical impedance analysis for total and segmental muscle and fat mass, skeletal muscle mass, and body fat percent”

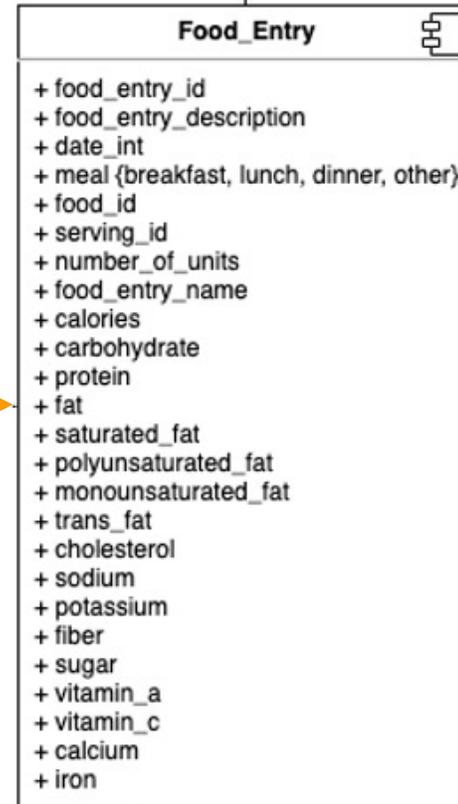
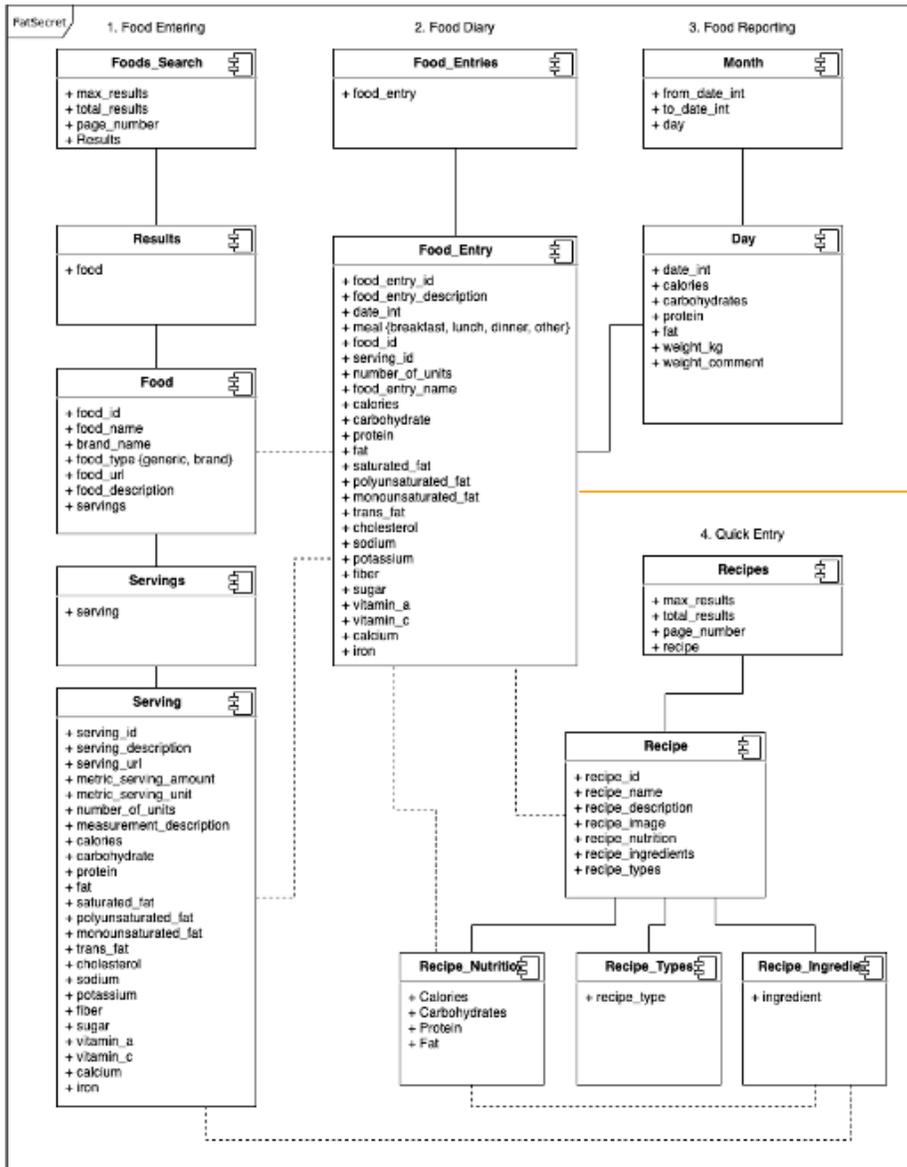
Blood Glucose: Draft Food Entry Schema

- Food intake (important for BG measures) modeled as Food entry
 - Protein
 - Carbs
 - Fats
 - Portions (1 or 2 or weight)
 - Macro only or macro + micro?
 - Calories
 - Sodium

Food Diary Example



Data Model



Consider for modeling:
Food Entry
Serving
Food

Or maybe omit **Serving** and focus on the consumption of food in terms of grams or kcals for each of the related entries

Summary of Action Items

Next Meeting

Upcoming Meeting

- Metabolic subgroup:
 - Tuesday, October 3 am Pacific