The Gravity Project
Message Content
June 27, 2019
Welcome

Thank you for joining the Gravity Project Workgroup meeting!

Due to the large number of attendees, participants are muted upon entry. Please remain muted to avoid background noise.

- This call is being recorded; recording will be available on the Gravity Confluence page following the meeting.

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send chats to “Everyone.”

We will review and try to address all comments submitted during the call. If you are experiencing technical difficulties, please contact lynette.elliott@emiadvisors.net.
Gravity Project Participation

- If you have not already done so, we invite you to officially join the project here: https://confluence.hl7.org/display/PC/Join+the+Gravity+Project
- If you want to check whether you have already signed up or if others from your organization have signed up, please review the existing membership here: https://confluence.hl7.org/pages/viewpage.action?pageId=46892669#JointheGravityProject-GravityProjectMembershipList
- For all other Gravity Project information, please visit: https://confluence.hl7.org/display/PC/The+Gravity+Project+Home
# Agenda

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<td>Review Updated Schedule</td>
<td>Lynette</td>
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<td>Recap Use Cases, Use Case Elements, and Actor-Transaction Diagram</td>
<td>Lisa</td>
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<td>Working Session: Zoom In on Message Content</td>
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<td>Next Steps</td>
<td>Lynette</td>
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Please submit questions and comments using the Webex chat feature.
# Gravity Project Schedule and Activities (June to July)

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<th>Week</th>
<th>Target Date</th>
<th>Gravity WG Meeting Tasks</th>
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<td>6/6</td>
<td><strong>Actors, Assumptions, Pre/Post Conditions</strong>,</td>
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<td></td>
<td><strong>Review: Personas, Patient Stories, Use Cases</strong></td>
<td><strong>Review: Actors, Assumptions, Pre/Post Conditions</strong></td>
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<td>CANCELLED MEETING</td>
<td><strong>Review: Assumptions, Use Case 1 Pre/Post Conditions</strong></td>
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<td><strong>Actor-Transaction Elements and Diagrams</strong></td>
<td><strong>Review: Actor-Transaction Elements and Diagrams</strong></td>
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<td><strong>Message Content, Data Set Considerations</strong></td>
<td><strong>Review: Use Cases 1-3, Message Content Considerations</strong></td>
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<td>7/11</td>
<td><strong>Data Element Submission Web Tool</strong></td>
<td><strong>End-to-End Review (7/5 – 7/12)</strong></td>
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<td>7/18</td>
<td><strong>Food Insecurity Kick-Off</strong> Introduce: <strong>Food Insecurity Data Set Submissions</strong></td>
<td><strong>UC Consensus Voting (7/15-7/19)</strong></td>
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### Gravity Project Schedule and Activities (July to Aug)

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<tr>
<th>Week</th>
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<td>7/25</td>
<td>Food Insecurity Data Sets</td>
<td>Review: Food Insecurity Data Set Submissions from Community</td>
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<td>FINAL UC CONSENSUS</td>
<td>Review: UC Vote Dispositions</td>
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<td></td>
<td>Review: Food Insecurity Data Set Submissions from Community</td>
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<td>15</td>
<td>8/8</td>
<td>Food Insecurity Data Sets &amp; Value Sets Gaps</td>
<td>Review: Food Insecurity Data Sets &amp; Value Sets Gaps</td>
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<td>16</td>
<td>8/15</td>
<td>Food Insecurity Data Sets &amp; Value Sets Gaps</td>
<td>Begin: End-to-End Review</td>
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<td>18</td>
<td>8/29</td>
<td>Housing Instability Kick-Off</td>
<td>Food Insecurity Data Set Consensus Voting (8/26-8/30)</td>
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*Introduce: Housing Instability Data Set Submissions from Community*
Gravity Use Cases

1. Gather SDH data in conjunction with a patient encounter.

2. Document and track SDH related interventions to completion.

3. Gather and aggregate SDH data for uses beyond point of care.
Recap: Use Case Elements

- Assumptions
- Pre-Conditions
- Transactions
- Message Content (Payload)
- Post-Conditions

- Actors
  - Human Actor
  - Business Actor
  - System Actor

- Technical Actor Roles
  - Requester, Request Recipient
  - Order Placer, Order Filler
  - Information Source, Information Recipient
  - Data Aggregator, Aggregate Information Recipient
Actor-Transaction Diagram
Use Case Key Changes

- Some feedback for input
- Editorial changes, corrections to clarify Technical Actor names, transaction numbers, message content
- Revised Actor tables – colors now match the diagrams
Questions?

You are encouraged to actively participate in the discussion using the Webex chat feature (bottom right of the Webex Meeting window).

Please send all chats to Everyone.
Digging in on Message Content: The “Transaction Payload”
Primary Principle: Leverage Existing/Emerging Standards

- FHIR Resources [www.HL7.org/FHIR](www.HL7.org/FHIR)
- HL7 Model-Based Transformation Services Project [https://confluence.hl7.org/display/SOA/Model-Based+Transformation+Service](https://confluence.hl7.org/display/SOA/Model-Based+Transformation+Service)
- American Dental Association: Core Data Set for Communication Among Dental and Other Health Information Systems [https://confluence.hl7.org/display/ATT/Dental+Attachment+References](https://confluence.hl7.org/display/ATT/Dental+Attachment+References)

MUST HAVE Foundational knowledge
Message Content Approach

- Connect envisioned Message Content needs to available Document and Data structures (Profiles and Templates)
  - Utilize Document Header structures and basic FHIR “individuals” and “entities” structures
  - Fuse the best of today with the promise of tomorrow
    - So much good work that does not need to be discarded
  - Be prepared for overwhelming complexity
    - It only feels overwhelming while it’s new!
  - Details matter, and so does the big picture
Two Views, Simultaneously Merged

GOAL

MUST HAVE Foundational knowledge

Value Proposition

DATA

Technical Details

Clear Details

Big Picture
Message Content Take-Aways

- Information represents the potential existing patterns
  - Contains only 1 proposed new SDH Section
- Message Content material provides reference to assist with the task of identifying coded data to be used when representing SDH information relevant for Food Security, Housing Stability and Transportation
- We are not specifying what standardized templates or profiles we will use
  - We are agreeing to get on the same page in terms of what is possible for making use of the codes we identify to be used
- Focusing on the “Human Readable” SDH information is key to addressing the question of “do we have the right codes?”
Next Steps (Homework)

REMINDER NO MEETING NEXT WEEK

- Submit data elements by domain: https://confluence.hl7.org/display/PC/Data+Element+Submission

- Review Use Cases, Actor-Transaction Diagrams, and Message Content documentation

- Review links to existing and emerging standards https://confluence.hl7.org/display/PC/Relevant+Work+in+Social+Determinants+of+Health

- Begin end-to-end Use Case document review: document will be published on July 5th
Thank you for participating in this national consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net