The Gravity Project

Reorientation and Data Element Submission Web Tool

July 11, 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

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
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<td>Schedule Review, End-to-End Comment, and Consensus Voting Process</td>
<td>Lynette</td>
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<td>Reorientation to Gravity Project Goals</td>
<td>Laura</td>
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<td>SDoH Data Element Submission Tool</td>
<td>Lisa</td>
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<td>End-to-End Use Case Comment Dispositions To-Date</td>
<td>Evelyn</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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<thead>
<tr>
<th>Week</th>
<th>Target Date</th>
<th>Gravity WG Meeting Tasks</th>
<th>Homework due following Tuesday COB</th>
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<tr>
<td>6</td>
<td>6/6</td>
<td>Actors, Assumptions, Pre/Post Conditions, <strong>Review: Personas, Patient Stories, Use Cases</strong></td>
<td><strong>Review: Actors, Assumptions, Pre/Post Conditions</strong></td>
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<tr>
<td>7</td>
<td>6/13</td>
<td>CANCELLED MEETING</td>
<td><strong>Review: Assumptions, Use Case 1 Pre/Post Conditions</strong></td>
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<tr>
<td>8</td>
<td>6/20</td>
<td>Actor-Transaction Elements and Diagrams</td>
<td><strong>Review: Actor-Transaction Elements and Diagrams</strong></td>
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<td>9</td>
<td>6/27</td>
<td>Message Content, Data Set Considerations <strong>Review: Actor-Transaction Components and Diagrams</strong></td>
<td><strong>Review: Use Cases 1-3, Message Content Considerations</strong></td>
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<tr>
<td>10</td>
<td>7/4</td>
<td>NO MEETING</td>
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<tr>
<td>11</td>
<td>7/11</td>
<td>Data Element Submission Web Tool <strong>Review: End-to-End Comment Dispositions To-Date</strong></td>
<td>End-to-End Review (7/5 – 7/12)</td>
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<td>12</td>
<td>7/18</td>
<td>Food Insecurity Kick-Off <em>Introduce: Food Insecurity Data Set Submissions</em></td>
<td>UC Consensus Voting (7/15-7/19)</td>
</tr>
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| 13   | 7/25        | Food Insecurity Data Sets | Review: Food Insecurity Data Set Submissions from Community  
Food Insecurity Data Elements Due: August 1 |
| 14   | 8/1         | FINAL UC CONSENSUS       | Review: UC Vote Dispositions       |
|      |             | Review: Food Insecurity Data Set Submissions from Community |
| 15   | 8/8         | Food Insecurity Data Sets & Value Sets Gaps | Review: Food Insecurity Data Sets & Value Sets Gaps |
| 16   | 8/15        | Food Insecurity Data Sets & Value Sets Gaps | Begin: End-to-End Review |
| 18   | 8/29        | Housing Instability Kick-Off  
*Introduce: Housing Instability Data Set Submissions from Community* | Food Insecurity Data Set Consensus Voting (8/26-8/30) |
Use Case End-to-End Review: Due July 12

https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review

The full draft Use Case is now published for end-to-end review by all Gravity Project participants. Please follow the instructions below to submit your comments and feedback on the Use Case. All comments are due by 5pm Pacific Time on Friday, July 12.

NOTE: You must have an HL7 Confluence account to submit comments.

How to Submit Comments

1. Sign up for an HL7 Confluence account following the instructions below. If you already have an HL7 Confluence account, go to Step 2.
2. Download the full draft Use Case document and review it.
3. Log into your HL7 Confluence account.
4. Click on the "Add Review Item" button below and fill in the form.
   a. Please include the document section your comment is referencing. For general comments, type "general" into the Section Number field.
5. Click on the "Save" button to save your comment. Repeat Steps 4 and 5 to complete your comments.
6. Click on the "Submit All Review Items" button to submit your saved comments.

Comments will be reviewed as they are received. Each comment will be assigned a disposition and subsequently posted for public view on an ongoing basis. All comments will be deposed prior to the voting period.

How to Sign Up for an HL7 Confluence Account

1. At https://confluence.hl7.org, click the "Request an Account" button.
2. Follow the instructions to fill out the request form and submit it.
3. You will receive a confirmation email with additional instructions.

Click here for step-by-step instructions and screen captures.
Use Case Consensus Voting: July 15 to 19

https://confluence.hl7.org/display/PC/Consensus+Process

Only Committed Members are asked to cast one of the following votes:

- Yes
- Yes with Comment
- Formal Objection
- Abstain
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.
Gravity Project Reorientation
Gravity Project Goals

Develop consensus on SDH-related concepts and codes in order to facilitate data use, sharing, interoperability, and payment.
Why

- Adoption of social risk screening and related interventions are on the rise
  - Survey data on prevalence:
    https://sirenenetwork.ucsf.edu/node/19671
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  - Survey data on prevalence: [https://sirenetwork.ucsf.edu/node/19671](https://sirenetwork.ucsf.edu/node/19671)

- But documentation on these clinical activities is sparse
## Challenges: Missing codes

<table>
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<tr>
<th></th>
<th>Food Insecurity</th>
<th>Housing Instability</th>
<th>Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHC</td>
<td>✓</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>PRAPARE</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Health Leads</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
</tr>
</tbody>
</table>
Challenges: Overlapping codes

SNOMED housing instability codes
- 5549007 Living in temporary quarters
- 406132007 Living temporarily with relatives
- 365510008 Finding of temporary shelter arrangements

SNOMED food insecurity codes
- 733423003 Food insecurity
- 706875005 Insufficient food supply
Gravity Project Goals

Develop consensus on SDH-related concepts and codes in order to facilitate data use, sharing, interoperability, and payment.
Gravity Project Goals

Develop consensus on SDH-related concepts and codes in order to facilitate data use, sharing, interoperability, and payment.
Gravity Project Goals

- What social risk-related clinical activities/data (re: screening, diagnosis, treatment) need to be documented?
- Do codes exist to represent those activities/data?
- What are meaningful groupings for those data elements that can facilitate data aggregation and sharing?
Reorientation
Data Element Submission Adjudication & Web Tool Demo
Adjudication Process

Process/Data Collection over time

Contributors recommend potential data elements

Submitted Form

Potential Stewards

Adjudicator harvests new ideas from the Current Submitted Form, making them Candidates and promotes new data elements to Master List.

Adjudication Form

Adjudicate

Promote

Adjudicator promotes adjudicated data elements from a Current Adjudicated Form. Merges/Removes data elements

Vote

Community approves recommended data elements.

Committed Participants

Community votes to affirm or reject data elements on Master List to move them to the Consensus List.
Human Adjudication

- **Duplicate Data Element**
  - Conceptually similar, same code(s), same answers for questions

- **New Data Element**
  - In scope, fit for purpose, not too broad, not too narrow

- **Not Added – Parked**
  - Not in scope, but well formed and may be useful in the future

- **Not Added**
  - Not in scope, not well formed, not fit for purpose

- **Status: On-hold**
  - Seeking clarification from submitter

- **Dispositions made by Adjudication SMEs can be reconsidered**
Questions?

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SDoH Data Element Collection
Web Tool Demo
Web Tool Account Setup

- Submit request for new account to GravityTools@max.md with following information:
  - First Name
  - Last Name
  - Title
  - Organization
  - Email

- Complete registration using response email instructions

User guide available at: https://confluence.hl7.org/display/PC/Data+Element+Submission
Use Case End-to-End Review Comments & Dispositions
Next Steps (Homework)

- Submit Use Case End-to-End Review Comments: [https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review](https://confluence.hl7.org/display/PC/Use+Case+End+to+End+Review)

- Submit data elements by domain: [https://confluence.hl7.org/display/PC/Data+Element+Submission](https://confluence.hl7.org/display/PC/Data+Element+Submission)
  - Food Insecurity Data Elements Due **August 1st**

- Vote on Use Case document: document will be published on **July 15th**
Thank you for participating in this national consensus-building process.

Additional questions? Contact: gravityproject@emiadvisors.net