Digital Tools in Support of Contact Tracing for COVID-19

Design Team Meeting #3: Summary

June 11, 2020

Meeting Goals and Objectives

By the end of the meeting, participants

- Discussed outcomes and implications of the Round 1 public health stakeholder meeting held on May 27, 2020

- Reviewed, informed and reached consensus on steps to provide immediate support through workgroups focused on Apple and Google API pilots and digital CRM tools for contact tracing

- Discussed and identified topics and engagement opportunities for the next convening of the Round 1 stakeholder group

Agenda

1. Welcome and agenda overview

2. Discussion of Round 1 meeting outcomes and implications

3. Review and discussion of plans for workgroups

4. Topics and opportunities for next large convening

5. Meeting summary, action items and conclusion

Next Steps and Meeting Conclusion

- Form workgroups, assign leadership and schedule meetings for the week of June 15

- Submit final comments and drafts on the white paper and consumer report and reconvene workgroups for follow-up meetings to finalize short-term deliverables the week of June 22

- Reconvene Round I stakeholders to report out on progress within workgroups and share final white paper and consumer report

- Survey design team on the usefulness of this DT4CT forum beyond June 30

Participants

Name	Title	Affiliation
Robert Aaron	Healthcare IT and Strategic Alliance Lead	Global Health Crisis Coordination Center
James Daniel	Director, Public Health Innovation	US Department of Health and Human Services
Adi Gundlapalli	Chief Public Health Informatics Officer – Center for Surveillance, Epidemiology, and Laboratory Services	Centers for Disease Control and Prevention
Janet Hamilton	Executive Director	Council of State and Territorial Epidemiologists
Asad Islam	Associate Director of Technology	Centers of Disease Control and Prevention
Michael Judd	Lead, Innovative Technologies Team - Workforce Development and Innovation Taskforce	Centers of Disease Control and Prevention
Bryant Karras	Chief Informatics Officer	Washington State Department of Health
Becky Lampkins	Manager, Surveillance and Informatics Program	Council of State and Territorial Epidemiologists
Megan Light	Deputy Team Lead, Innovative Technologies Team - Workforce Development and Innovation Taskforce	Centers of Disease Control and Prevention
Judy Monroe	President, CEO	CDC Foundation
Patrick O'Carroll	Head, Health Systems Strengthening Sector	Task Force for Global Health
Dave Ross	President, CEO	Task Force for Global Health
Mark Stenger	Epidemiologist, Innovative Technologies Team - Workforce Development and Innovation Taskforce	Centers of Disease Control and Prevention
Vivian Singletary	Executive Director – Public Health Informatics Institute	Task Force for Global Health
Jimica Tchamako	Requirements Lab Director – Public Health Informatics Institute	Task Force for Global Health

Welcome and Agenda Overview

Reflections were shared on progress that has been made within the last month and outcomes from the broad convening of public health and technology experts held May 27. Additionally, PHII has developed draft versions of a white paper and consumer report and asked the design team to provide feedback before sharing broadly. Primary objectives/outcomes from the current meeting were to (1) plan steps on how to move forward after the next large collaborative meeting and (2) to share agenda topic ideas for that larger meeting and a draft timeline leading up to it.

Outcomes and Implications

Stakeholders from the Round I convening on May 27 discussed key topic areas:

- Addressing communications and public messaging
- Encouraging public engagement
- Gaining buy-in from elected officials (i.e., governors, mayors, city council)
- Avoiding politicization
- Projecting and measuring value
- Identifying key infrastructure needs (e.g., diagnostic key server)

The convening ended with three key takeaways:

- There is promise in the proximity notification tool but caution is appropriate because it is new, and there are questions regarding workflow, epidemiology, resources, application, communication and knowledge about other tools public health departments use for contact tracing.
- Pilots are the best way forward to answer those questions and understand the value for public health.
- This forum can be used to carefully monitor and evaluate Apple and Google's API to make informed decisions around implementation.

Workgroup plans

There will be two workgroups formed to execute remaining deliverables from this forum: one focused on the Apple and Google API pilots and one focused on digital customer relationship management (CRM) tools for contact tracing. Workgroups will share their discussion and thoughts with the larger design team and the broader public health stakeholders to get a better understanding of industry partners. Each will have co-chairs to oversee progress and contain twelve members max.

Apple and Google API pilot workgroup purpose: describe how pilot implementations would look and how they would best inform public health guidance.

Digital CRM tools workgroup purpose: focus on CRM tools for contact tracing, inform prioritization of tools, and devise and develop a presentation of the consumer report.

Please see slide 9 in the meeting presentation deck for more details on workgroup activities.

Reactions to workgroup plans

This group was brought together quickly as a venue to discuss everyone's aspects of contact tracing. The white paper and consumer report are helpful as starting points. Sharpen us a bit by input from the design team on what is feasible by June 30:

- What is the role of this group in relation to pilot projects?
- What are the outputs by June 30?
- ➔ Identify a set of questions that can be answered by a pilot: what elements can we learn from a pilot that would make it successful? This would inform the decisions of other states and could take a life of its own.

The Apple and Google API has been deployed in other countries with centralized economies first: Austria, Italy, South Korea and China. It is a very different implementation that in the West and has had a huge impact. ➔ **What are the lessons learned from implementations in these countries?**

- Rob Aaron can offer the learnings from other countries in the white paper and share the findings early next week.

- Taking learnings from other countries and adding them into the discussion on performing the pilot could also be an added component to the workgroup.

- Really good PR to launch this is very important. It's a security issue, and the privacy piece is really important.

Comment/Clarification: The use of API in one group and CRM in another group, are we limiting sub-components within contact tracing – we need to broaden out and focus on other aspects.

- The API itself, is only one aspect of the app deployment pilot. The question is can it be used effectively for contact tracing and the development of an app.

- It's not just about testing it: was it designed in a way that the app can use it?

- Focus on a set of targets that a pilot project would answer.

Membership for workgroups would include design team members and participants from the Round I convening held in May.

Topics and Opportunities for Next Large Convening

Agenda topics to consider:

- Highlights from white paper and consumer report

- Detailed progress made in workgroups

Suggestions:

- Dive deeper into operating aspects of Apple and Google's API: how is the process authenticated? How is it accomplished seamlessly to stop false reporting but encourage a low-burden process for health departments?

   o Could be better-suited for discussion within workgroups and engage industry partners in that conversation

- How to creatively communicate and share information to foster a learning environment

- Identify what technologists need to learn from public health and what messages need to be communicated

Comment/Clarification: What is the need for this group to continue to meet?

- Useful to keep discussion going for evaluation and information sharing; not just small groups of representatives from initial engagements, but a forum to share this information broadly to states that aren't involved in pilots and the world at large. Foster, host or point us to who can.

Suggested additional invitees

- National Governors Association (NGA)

- State, local, tribal and territorial organizations

- Private donors → may want to listen in to attract philanthropic funding

- Private sector and corporate partners