



HIE Use Case Design Group

A Design Group of the Connecticut Health IT Advisory Council

August 16, 2017 | 2:30 – 4:00 pm

Session #7

Facilitated by CedarBridge Group



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GROUP

Agenda

Welcome / Roll Call	Michael Matthews	2:30 PM
Comments on 8/9/17 Minutes	Design Group Members	2:32 PM
Review Meeting Schedule	Michael Matthews	2:34 PM
Use Case Discussion <i>1. EMS</i> <i>2. Lab Orders</i> <i>3. Genomics</i> <i>4. eConsult</i>	Design Group Members	2:35 PM
Review Use Case Prioritization Scoring Template and Methodology	Michael Matthews and Design Group Members	3:25 PM
Meeting Wrap-up and Next Steps	Michael Matthews	3:55 PM

Comments on 8/9/17 Minutes

Meeting Schedule

Milestones/Deliverables	Dates
Session 1: Kick-Off Meeting	6/27/17
Session 2: Review Use Cases (Part 1)	7/12/17
Session 3: Review Use Cases (Part 2)	7/19/17
Present update to Health IT Advisory Council	7/20/17
Session 4: Review Use Cases (Part 3)	7/27/17
Session 5: Review Use Cases (Part 4)	8/2/17
Session 6: Review Use Cases (Part 5) and Prioritization Criteria for Use Cases	8/9/17
Session 7: Review Final Use Cases (Part 6); Apply Prioritization Criteria	8/16/17
Present Update to Health IT Advisory Council	8/17/17
Session 8: Select “Top 10” Use Cases; Discuss Final Prioritization Criteria	8/23/17
CedarBridge to Conduct Analysis of HIE services and Infrastructure Necessary to Support “Top 10” Use Cases; Research Financial, Business, Legal, and Policy Considerations of “Top 10”	8/23/17 - 8/30/17
Session 9: Validate Value Propositions, Implementation Priorities, and HIE Services Needed to Enable Priority Use Cases	8/30/17
Session 10: Draft Recommendations	9/6/17
Present Report and Recommendations to Council	9/21/17
Delivery of Final Report and Recommendations to HITO	9/30/17

Use Case Inventory and Library

Use Case Inventory: Part 1

Session #2 (July 12)

Use Case	Review
1. Electronic Quality Measurement System (eCQMs)	7/12/17
2. IIS (Submit)	7/12/17
3. IIS (Query)	7/12/17
4. Advance Directives	7/12/17
5. Opioid monitoring and support services	7/12/17
6. Wounded warriors	7/12/17

Use Case Inventory: Part 2

Session #3 (July 19)

Use Case	Review
7. Longitudinal health record	7/19/17
8. Emergency department super-utilizers	7/19/17
9. Medication reconciliation	7/19/17
Care Coordination	
- 10. Referral management	7/19/17
- 11. Transitions of care	7/19/17
- 12. Clinical encounter alerts	7/19/17
- 13. Care plan sharing	7/26/17

Use Case Inventory: Part 3

Session #4 (July 26)

Use Case	Review
14. POLST / MOLST	7/26/17
15. Disability determination	7/26/17
16. Life insurance underwriting	7/26/17
17. Image exchange	7/26/17

Use Case Inventory: Part 4

Session #5 (August 2)

Use Case	Review
18. Population health analytics	8/2/17
19. Public health reporting	8/2/17
20. Lab results delivery	8/2/17
21. Social determinants of health	8/2/17
22. Research / clinical trials	8/2/17
23. Patient portal / personal health record	8/2/17
24. Patient-generated data	8/2/17

Use Case Inventory: Part 5

Session #6 (August 9)

Use Case	Review
25. Medical orders / order management	8/9/17
26. Bundle management	8/9/17
27. CHA Dose registry	8/9/17

Two Updates:

- *It was decided that the “Data Integration and Reconciliation” use case should be incorporated into the “Longitudinal Health Record” use case.*
- *The “Registries” use case was removed and added to the ongoing list of HIE Services.*

Use Case Inventory: Part 6

Session #7 (August 16)

Use Case	Review
28. Emergency Medical Services (EMS)	8/16/17
29. Lab orders	8/16/17
30. Genomics	8/16/17
31. eConsult	8/16/17

Use Case Inventory: Excluded

Use Case	Date Reviewed
24. Patient Generated Data	8/2/17
26. CHA Dose Registry	8/9/17
27. Bundle Management	8/9/17

Use Case Discussion

Review Use Case Prioritization
Scoring Template and
Methodology
Review and Discuss

Process of Use Case Prioritization & Finalization



Use Case Prioritization Criteria

Prioritization Criteria

1. Value for Patients and Consumers

- Patient-centeredness; allows for patient preference, choice, and convenience
- Improves care coordination across continuum
- Enable entire care team to participate in a patient's care
- Enable population health improvements
- Improves patient safety

2. Value for Other Stakeholders (providers, community orgs, payers, employers, etc.)

- Define ROI, financial return, and value proposition for each stakeholder
- Alignment with organization goals and business requirements for stakeholders
- Enable community organization and providers of social services

3. Workflow Impact

- Enable access to health records by individual providers
- Defined impact to clinical staff's workflows (positive or negative)
- Defined impact to administrative staff's workflows (positive or negative)
- Accessibility and level of effort

Use Case Prioritization Criteria

Prioritization Criteria

4. Ease of Implementation

- Implementation readiness / use case maturity
- Procurement process and speed of implementation (quick win)
- Complexity of business processes
- Training requirements
- Timeline for realizing value proposition

5. Integration, Maintenance, and Technical Assistance

- Define resource requirements necessary to support implementation and integration(s), including technical assistance and maintenance
- Cross-walk to eCQM – Alignment with business/functional requirements

6. Prerequisite Services

- Define services and infrastructure that is necessary to support use cases (basic care map, type of payload, type of transport, data sharing agreements, technical and security standards, etc.)
- Assessment of prerequisite services for an HIE entity and partner organizations (HISP, ability to produce/send ADTs, etc.)

Use Case Prioritization Criteria

Prioritization Criteria

7. Scalability

- Stand-alone use case vs. cluster (e.g. care coordination and longitudinal health record)
- Leverage HIE service as core component / infrastructure to support multiple use cases
- Consider HIE Services that will support multiple use cases when implemented (economy of scale)

8. Existing Infrastructure / Resources

- Does existing infrastructure meet the needs of stakeholders?
- Governance of existing infrastructure / resources
- Scalability of existing infrastructure / resources

Next Steps

- Participants provide Top 10 Use Case list and fill out Scoring Template by 8/18/17
- Results will be analyzed and assessed for next meeting
- Next Meeting: Wednesday, August 23 at 2:30pm EDT



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