RFP ONCHIT-1
Evaluation of Standards Harmonization Process for HIT
HHS Strategy for Health IT: AHIC and the Four RFPs

- Standards Harmonization Contractor
- Compliance Certification Contractor
- NHIN Prototype Contractors
- Privacy/Security Solutions Contractor

American Health Information Community

Multiple Public and Private Sector Stakeholders

NIST

National Coordinator and Project Officer(s)
Use Case Definition

• Illustrations of the applicability and business need for all areas of standards for interoperability that include:
  • Strategic healthcare improvement goal
  • Narrative, high-level description of the persons or things involved
  • Sequence of actions
    • Experienced by the patient
    • Performed by the clinician
    • Supported by the health information technology
  • Expected impact
    • Quantifiable outcomes/benefits
Objective: To develop a minimum of three recommended use cases annually illustrating the applicability and business need for all areas of standards for interoperability. As applied in this context, a use case can be a narrative and graphical description (a storyboard with figures and diagrams) of the behaviors of persons or things (actors), and/or a sequence of actions, in a targeted area of interest (domain).
Use Case Development

- Identify stakeholder participants
- Define criteria for evaluating and prioritizing use cases
- Baseline existing use cases for consideration and identify new
- Apply evaluation criteria
- Develop recommended use cases
- Discuss and validate recommended use cases
Use Case Criteria

- The use cases shall address:
  - Specialized variations and extensions of the general case of patients receiving care from a healthcare provider or healthcare organization, and
  - Requiring the exchange of their relevant health information with other providers to support the clinical delivery of care at a different time and/or setting.
Use Case Criteria

- Or - Use cases shall be developed that:
  - Illustrate health data transmission and/or exchange for public health purposes, such as bio-surveillance, outbreak management, alerting and communication with health providers, and public health detecting and reporting.
  - Second level review
    - Feasibility
Use Case Criteria

- **Pragmatic**
  - Implementable
  - Feasible – practical application
  - Affordable
  - Executable - suitable for a year 1 HITSP project

- **Value**
  - Clinical value
  - Long-term viability
  - Solves real-world problem (for providers)
  - Federal hot point – national priority
  - Safeguards patient privacy

- **Measurable**
  - Non-clinical outcomes
  - Clinical outcomes
  - ROI

- **Comprehensive**
  - Span more than one SDO
  - Span health system, care settings and continuum of care across time
  - Accessibility – minimizes digital divide

- **Meets ONCHIT program needs**
  - Extent to which use-case is likely to integrate with other ONCHIT projects
  - Compelling story

- **Population/public health**
  - Addresses public health concerns
Progress to date

- Aug. 31  Identified volunteer leaders to help guide the process
- Aug. 31  Finalized list of prioritized use cases – based on criteria
- Aug. 31  Sept. 5 Created template for preliminary use case descriptions
- Aug. 31  Sept. 10 Documented and refined preliminary use cases on template
- Sept. 13  Submitted to Use Case Committee members for review
- Sept. 20  Submitted to HITSP members
Next steps

• Sept. 27-28  HITSP to review/ approve proposed use cases for further refinement

• Sept. 30  E-mail preliminary descriptions for “HITSP selected use cases” to Use Case Committee members and Project Officer

• Oct. 4 - 5  Use Case Committee meeting
  • Double Tree Hotel, Rosemont, IL
  • Develop recommended use case descriptions for AHIC review and endorsement
Recommended use case description

Each use case will include:

- Narrative and graphical description
  - Storyboard with figures and diagrams of the persons or things
  - Sequence of actions
- Associated technical specifications
  - Well-defined process flow
  - High-level data model
- Rationale as to why this use case needs to be addressed
  - Expected impact
  - Identification of standards expected to be relevant
  - Key obstacles to attaining use case success
Next steps

• Oct. 6-20 Electronic interaction on refining preliminary use case descriptions
• Document and refine preliminary use cases on template
• Oct. 14 Submit interim report to Project Officer
• Oct. 20 Review by HITSP Board of Directors
• Oct. 25-26 Team finalizes deliverable and submits to Project Officer
For more information
www.ansi.org/hitsp

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