**EHR Immunization Functional Profile Project – Meeting Notes**

12 September 2016

Attendees

Gary Dickinson, Co-Lead

Noam Arzt

Craig Newman

Michelle Knighton

Julia Chan

Cheryl Kraft

Daniel Chaput

Regrets

David Tao

1. Noted establishment of project Wiki: <http://wiki.hl7.org/index.php?title=EHR_Immunization_Functional_Profile>. Wiki contains documents and links to: list of contributions/contributors/readiness, kickoff slide set, reference materials, use case templates, EHR and PHR System Functional Models, Federal Health Information Model (FHIM) Immunization domain, Tools and EHR-S FM related FHIR work.
2. Worksheet is being taken from the Use Case Template and Patterns at <http://wiki.hl7.org/index.php?title=EHR_Immunization_Functional_Profile> .
3. Reviewed kickoff slide set: <http://wiki.hl7.org/images/3/3b/EHR-Immunization_FP-Overview_Slides-20160912.pdf> . Slide set is an overview of:

* ISO/HL7 10781 Electronic Health Record System Functional Model Release 2 (EHR-S FM)
* Functional Profile (FP) development process
* Tooling Support for EHR/PHR System FMs and FPs
* Current list of FPs based on EHR-S FM
* Current list of known national programs using EHR-S FM, including language translations
* Contributors, contributions and readiness
* Relationship between IFP project and pending Collaborative End-to-End Immunization Project
  + From sketch to implementation
* EHR-S FM on FHIR project
* Existing and developing Public Health FPs
* Planning and Task List

1. Noam completed his review of Sections (f)(1-7) of the EHRS-FM-MU-FP-2015 Edition.
2. Gary reviewed Use Case scenario worksheet– Aim is to discover the appropriate functions that link to the EHR-S FM. Current version is dated 8 September 2016.

* Sources include:
  + HL7 Immunization DAM
  + Work that Floyd Eisenberg has done with CDC/CNI/HIMSS on Immunization Related Capabilities for Clinical Software.
  + Look also at Inputs and Output of the Use Cases to find the data requirements.
  + Link to EHR-S FM functions and related criteria.

1. Immunization DAM: Looked at the HL7 Immunization DAM, starting with the storyboard (Record Immunization History) and looked at inputs and outputs, and then HIE for Immunization.
2. International community has responded with specific interest from Brazil, The Netherlands and Spain.
3. Due to the upcoming HL7 meeting in Baltimore, our next meeting will be on Monday, 3 October, at 11AM ET.
4. We plan to have a joint EHR/PHER SG session Thursday Q2, 22 September, at the HL7 Meeting in Baltimore.

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| **Focus** | **Tasks** | **Who** |
| 1. Environmental Scan | * Identify Sources for Review, Analysis, Inclusion or Reference * Functional Models and Profiles * EHR and PHR System * Conformance Profiles * Domain Analysis Models * FHIM, CIMI (and RIM?) Immunization Models * Implementation Guides * Use Cases | Everyone |
| 2. MU FP 2015 Edition | * Review Functions and Criteria in Section §170.315(f)(1), “Transmission to Immunization Registries” * Add/modify as appropriate | Noam Arzt |
| 3. Use Cases | * Identify Sources: HL7 Immunization DAM, CNI/HIMSS Immunization Integration Program (IIP) and others * Initially: extract use case scenarios, including: events, event steps, actors, roles, inputs and outputs * Fill out Use Case Scenario Worksheet * Later: determine actions taken (within each event) and link to EHR-S FM functions and related criteria * Add/modify as appropriate |  |
| 4-5. EHR-S FM | * Review Immunization Related Functions, Names, Statements, Descriptions and Conformance Criteria and specifically Sections CP.6.2 and CPS.6.2 * Add/modify as appropriate |  |
|  | * Review ALL sections, functions and conformance criteria relevant to immunizations * CP – Care Provision * CPS – Care Provision Support * AS – Administrative Support * POP – Population Health Support * RI – Record Infrastructure * TI – Trust Infrastructure * Add/modify as appropriate |  |
| 6. PHR-S FM | * Review Immunization Related Functions and Criteria * Add/modify as appropriate |  |
| 7. Data Objects and Elements | * Identify Sources: FHIM, CIMI, FHIR, Immunization DAM, IIP * Specify data requirements by reference |  |
| 8. Testing | * Establish characteristics of testable criteria | Mario Hyland and Matthew Gereke of AEGIS could provide guidance |
| 9. EHR-S & Registries | * Establish functional requirements for general purpose registry | Liaison with CIC |

