1. Project Name and ID

|  |  |
| --- | --- |
| **Measure Report Profile using FHIR** | Project ID: 1140 |
| |  |  | | --- | --- | |  | TSC Notification Informative/DSTU to Normative Date : 9/16/14 | | |
|  | |

1. Sponsoring Group(s) / Project Team

|  |  |
| --- | --- |
| Primary Sponsor/Work Group (**1 Mandatory**) | Clinical Quality Information WG |
| Co-sponsor Work Group(s) |  |
|  |  |
| **Project Team:** |  |
| Project facilitator (**1** **Mandatory**) | Chris Millet |
| Other interested parties and their roles | SDWG, KP Sethi |
| Multi-disciplinary project team (recommended) |  |
| Modeling facilitator | **TBD** |
| Publishing facilitator | TBD |
| Vocabulary facilitator | **TBD** |
| Domain expert rep | **Finnie Flores** |
| Business requirement analyst | Brenda Wood, Tessa van Stijn |
| Conformance facilitator (for IG projects) |  |
| Other facilitators (SOA, SAIF) |  |
|  |  |
| Implementers **(2** **Mandatory** for DSTU projects): | |
| 1) National IT Institute for Healthcare in the Netherlands | |
| 2) Lazy | |
|  | |

**Note**: The implementer requirement will be handled by the “balloting” project. Therefore work groups do not fill out the above section. However, feel free to list implementers specific to your work group’s resources if you know of any.

1. Project Definition
   1. Project Scope

|  |
| --- |
| **This project is to explore an international specification for reports on measures.**  **This project is similar to QRDA Category 1 and QRDA Category 3 which are existing HL7 specifications for representing reports.** |

* 1. Project Need

|  |
| --- |
| **This project is to create a Measure Report FHIR Profile to represent aggregate measure scores and allows for drill down into the data that is used to determine the measure scores. This specification aims to focus on the needs of international implementer community and not focus on solely on US quality reporting needs. The Measure Report FHIR Profile should be compatible with the new harmonized Health Quality Improvement specifications.**  **This report specification aims to explore possible alternatives to QRDA in the long term.**  **The project aims to target implementers who may not use QRDA for exchanging data on measure reports.** |

* 1. Success Criteria

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| --- |
| **Short Term: Developing a proof of concept that engages international stakeholders Long Term: Developing into a DSTU or providing significant input into future releases of QRDA** |

* 1. Project Objectives / Deliverables / Target Dates

|  |  |
| --- | --- |
|  | **Target Date** |
| **initial comment only ballot of FHIR Profile for Measure Report** | **January 2015 Ballot Cycle** |
| **Reconciliation of comments** | **Jan-March 2015** |
| **Subsequent ballots pending feedback on initial comment only ballot** | **March – April 2015** |
|  |  |
|  |  |

* 1. Project Requirements

|  |
| --- |
| * **Explore representing measure reports using FHIR** * **Aggregate measure scores with break downs** * **Explore different levels of drill down** * **Examples of components in this profile and QRDA** * **Document improvements with QRDA** * **Benefits of being able to RESTfully query measure reports using FHIR** |

* 1. Project Risks

|  |  |  |  |
| --- | --- | --- | --- |
| Risk Description | **Redundancy with QRDA** | | |
| Impact Description | **There may be resistance or burden to having multiple specifications for reports** | | |
| Probability: | |  |  |  | | --- | --- | --- | | High | Medium | Low | | Severity: | |  |  |  | | --- | --- | --- | | High | Medium | Low | |
| Mitigation Plan | Although there is some obvious duplication, this does fall in line with larger Quality Improvement Standards harmonization activities. The SAIF ISM matrix was used to help define different segments of quality improvement standards where segments with more than one standard should be considered substitutable without negatively impacting standards in other segments | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Risk Description | **FHIR is still early in development** | | |
| Impact Description |  | | |
| Probability: | |  |  |  | | --- | --- | --- | | High | Medium | Low | | Severity: | |  |  |  | | --- | --- | --- | | High | Medium | Low | |
| Mitigation Plan | **Work with FHIR Governance Group and Management Group to manage this risk similar to other projects that create FHIR profiles or resources** | | |

* 1. Project Dependencies

|  |
| --- |
| **Since this project is creating FHIR profile, there is a dependency on FHIR.** |

* 1. Project Document Repository Location

|  |
| --- |
| **http://wiki.hl7.org/index.php?title=Clinical\_Quality\_Information\_Work\_Group** |

* 1. Backwards Compatibility

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Are the items being produced by this project backward compatible? | Yes | No | Don’t Know | N/A | |

|  |
| --- |
| **This project aims to produce the first version of the Measure Report FHIR Profile.** |

1. Products

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Non Product Project- (Educ. Marketing, Elec. Services, etc.) | | |  |  | | --- | --- | |  | V3 Documents - Knowledge | |
| |  |  | | --- | --- | |  | Arden Syntax | | |  |  | | --- | --- | |  | V3 Foundation – RIM | |
| |  |  | | --- | --- | |  | Clinical Context Object Workgroup (CCOW) | | |  |  | | --- | --- | |  | V3 Foundation – Vocab Domains & Value Sets | |
| |  |  | | --- | --- | |  | Domain Analysis Model (DAM) | | |  |  | | --- | --- | |  | V3 Messages - Administrative | |
| |  |  | | --- | --- | |  | Electronic Health Record (EHR) | | |  |  | | --- | --- | |  | V3 Messages - Clinical | |
| |  |  | | --- | --- | |  | Functional Profile | | |  |  | | --- | --- | |  | V3 Messages - Departmental | |
| |  |  | | --- | --- | |  | V2 Messages – Administrative | | |  |  | | --- | --- | |  | V3 Messages - Infrastructure | |
| |  |  | | --- | --- | |  | V2 Messages - Clinical | | |  |  | | --- | --- | |  | V3 Rules - GELLO | |
| |  |  | | --- | --- | |  | V2 Messages - Departmental | | |  |  | | --- | --- | |  | V3 Services – Java Services (ITS Work Group) | |
| |  |  | | --- | --- | |  | V2 Messages – Infrastructure | | |  |  | | --- | --- | |  | V3 Services – Web Services | |
| |  |  | | --- | --- | |  | V3 Documents – Administrative (e.g. SPL) | | |  |  | | --- | --- | |  | - New Product Definition - | |
| |  |  | | --- | --- | |  | V3 Documents – Clinical (e.g. CDA) | | |  |  | | --- | --- | |  | - New/Modified HL7 Policy/Procedure/Process - | |
| |  |  | | --- | --- | |  | FHIR Resources | | |  |  | | --- | --- | |  | FHIR Extensions | |

1. Project Intent (check all that apply)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Create new standard | |  | Revise current standard (see text box below) | |  | Reaffirmation of a standard | |  | New/Modified HL7 Policy/Procedure/Process | |  | N/A (Project not directly related to an HL7 Standard) | | |  |  | | --- | --- | |  | Supplement to a current standard | |  | Implementation Guide (IG) will be created/modified | |  | Project is adopting/endorsing an externally developed IG  *(specify external organization in Sec. 6 below)* | |  | Externally developed IG is to be Adopted | |  | Externally developed IG is to be Endorsed | |

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* 1. Ballot Type (check all that apply)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Comment Only | |  | Informative | |  | DSTU to Normative | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  | Normative (no DSTU) | |  | Joint Ballot (with other SDOs or HL7 Work Groups) | |  | N/A (project won’t go through ballot) | | |

|  |
| --- |
| **Seeking comment only ballot due to the exploratory nature of the project** |

* 1. Joint Copyright

|  |  |  |
| --- | --- | --- |
| |  |  | | --- | --- | |  | Joint Copyrighted Material will be produced | |

1. Project Approval Dates

|  |  |
| --- | --- |
| Sponsoring Group Approval Date | **CQI WG Approval Date 2014-09-16** |
| Steering Division Approval Date | **SD Approval Date CCYY-MM-DD** |

|  |  |  |  |
| --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | [PBS Metrics and Work Group Health Reviewed](http://gforge.hl7.org/gf/download/docmanfileversion/7241/10172/PBSMetricGuidanceforSDCoChairs2013Final.doc)? (required for SD Approval) | Yes | No | |

|  |  |
| --- | --- |
| FHIR Governance Committee Approval Date | **FG Approval Date CCYY-MM-DD** |
| Technical Steering Committee Approval Date | **TSC Approval Date CCYY-MM-DD** |
| |  |  |  | | --- | --- | --- | | Joint Copyright Letter of Agreement received? (req'd for Joint Copyrighted material) | Yes | No | | |

1. External Project Collaboration

|  |
| --- |
|  |

* 1. Stakeholders / Vendors / Providers

|  |  |  |
| --- | --- | --- |
| **Stakeholders** | **Vendors** | **Providers** |
| Clinical and Public Health Laboratories | Pharmaceutical | Clinical and Public Health Laboratories |
| Immunization Registries | EHR, PHR | Emergency Services |
| Quality Reporting Agencies | Equipment | Local and State Departments of Health |
| Regulatory Agency | Health Care IT | Medical Imaging Service |
| Standards Development Organizations (SDOs) | Clinical Decision Support Systems | Healthcare Institutions (hospitals, long term care, home care, mental health) |
| Payors | Lab | Other (specify in text box below) |
| Other (specify in text box below) | HIS | N/A |
| N/A | Other (specify below) |  |
|  | N/A |  |

* 1. Synchronization With Other SDOs / Profilers

|  |  |  |
| --- | --- | --- |
| Check all SDO / Profilers which your project deliverable(s) are associated with. | | |
| ASC X12 | CHA | LOINC |
| AHIP | DICOM | NCPDP |
| ASTM | GS1 | NAACCR |
| BioPharma Association (SAFE) | IEEE | Object Management Group (OMG) |
| CEN/TC 251 | IHE | The Health Story Project |
| CHCF | IHTSDO | WEDI |
| CLSI | ISO | Other (specify below) |

1. Realm

[*Click here*](#Realm_help) *to go to Appendix A for guidelines regarding choosing Universal or Realm Specific.*

|  |  |  |  |
| --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Universal | | Realm Specific |
|  | Check here if this standard balloted or was previously approved as realm specific standard |

## 

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