**NOTE**: To use Track Changes, turn off “protection” by clicking on (pre-MS Word 2007) Tools > Unprotect Document or (MS Word 2007 and higher) Review > Protect Document.

**PSS-Lite/Investigative Projects: Sections surrounded by a BOLD OUTLINE must be completed for approval of "Investigative Projects" (a.k.a PSS-Lite).**

1. Project Name and ID

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | |  |
| **Cross-Paradigm Storyboard Artifact: Payer Value-Based Care Perspective** | | | | Project ID: |
|  |  | TSC Notification Informative/STU to Normative | Date : | |
|  | | | |
|  |  | Investigative Project | Date : | |
|  | | | | |

1. Sponsoring Group(s) / Project Team
   1. Primary Sponsor/Work Group

|  |  |
| --- | --- |
| Primary Sponsor/Work Group  **(1 (And Only 1) Allowed)** | **Attachments Work Group**  **Craig Gabron, craig.gabron@bcbssc.com**  **Durwin Day, dayd@bcbsil.com** |

* 1. Co-sponsor Work Group(s)

|  |  |
| --- | --- |
| Co-sponsor Work Group(s)  (Enter co-sponsor approval dates in Section 6.d Project Approval Dates) | Clinical Quality Information  Floyd Eisenberg, MD  FEisenberg@Parsimony.com |
| Indicate the level of involvement that the co-sponsor will have for this project:   |  |  |  | | --- | --- | --- | | X | Request formal content review prior to ballot | | | X | Request periodic project updates. Specify period: | Monthly | | | X | Other Involvement. Specify details here: | CC on project related messages to listserve | | | |

|  |  |
| --- | --- |
| Co-sponsor Work Group(s)  (Enter co-sponsor approval dates in Section 6.d Project Approval Dates) | Clinical Decision Support  Kensaku Kawamoto, MD, PhD  Kensaku.Kawamoto@utah.edu |
| Indicate the level of involvement that the co-sponsor will have for this project:   |  |  |  | | --- | --- | --- | |  | Request formal content review prior to ballot | | | X | Request periodic project updates. Specify period: | Monthly | | | X | Other Involvement. Specify details here: | CC on project related messages to listserve | | | |

|  |  |
| --- | --- |
| Co-sponsor Work Group(s)  (Enter co-sponsor approval dates in Section 6.d Project Approval Dates) | Financial Management  Paul Knapp  PKnapp@pknapp.com |
| Indicate the level of involvement that the co-sponsor will have for this project:   |  |  |  | | --- | --- | --- | | X | Request formal content review prior to ballot | | | X | Request periodic project updates. Specify period: | Monthly | | |  | Other Involvement. Specify details here: |  | | | |

* 1. Project Team

*All names should have confirmed their role in the project prior to submission to the TSC.*

|  |  |
| --- | --- |
| Project facilitator (**1** **Mandatory**) | **Lisa Nelson** |
| Other interested parties and their roles |  |
| Multi-disciplinary project team (recommended) |  |
| Modeling facilitator | **N/A** |
| Publishing facilitator | **Lisa Nelson** |
| Vocabulary facilitator | **Ann Marie Smith** |
| Domain expert rep | Linda Michaelsen, Jocelyn Keegan |
| Business requirement analyst | Lenel James, Dennis Brinley, Tim McCrimmon |
| Conformance facilitator (for IG projects) |  |
| Other facilitators (SOA, etc) |  |
|  |  |
| Implementers **(2** **Mandatory** for STU projects)  ***FHIR Project 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) LHS – Care Team DAM Project | |
| 2) FHIR Connectathon or CDA Implementation-A-Thon | |

1. Project Definition
   1. Project Scope

|  |
| --- |
| This project will develop an HL7 Cross-Paradigm Storyboard Artifact representing a realistic life situation that demonstrates healthcare information interoperability issues that are important from a Payers’ perspective. The deliverable is the storyboard.  The storyboard artifact will be applicable across all standards paradigms. It will describe a realistic care scenario which includes issues that are important to payer stakeholders within the healthcare information technology (HIT) ecosystem.  The story board will address the following objectives:   1. The story depicted will be clinically accurate, but not so clinically detailed as to distract readers from the broader and overarching purpose of representing a realistic payer scenario across the HIT ecosystem. 2. The Story Board artifact will describe a patient-centered situation that includes relevant challenges from the payer perspective. 3. It will include a scenario set up that demonstrates challenges to be addressed when the systems involved in data exchange are operating on different versions of base standards such as FHIR and C-CDA. 4. It will include opportunities to demonstrate value-based care practices. 5. Elements of the story will enable quality measurement information to be added to augment the story as required to support quality reporting scenarios. 6. It also will describe a scenario that demonstrates care plan information exchange that accompanies care delivery summaries. 7. The storyboard will be used in Domain Analysis Models or Implementation-A-Thons to expose technical issues and questions that may need to be addressed by existing or developing standards to facilitate efficient and effective information exchange that supports payer use cases. 8. The project will show the storyboard as a mechanism to foster clearer communication and constructive collaboration among multiple stakeholder participants that is reusable across multiple standards paradigms. |

* 1. Project Need

|  |
| --- |
| The information that needs to be shared in a care scenario does not change regardless what standard paradigm is used to enable interoperability. Creating a cross-paradigm storyboard will enable standards development and implementations to focus efforts, align information exchange to accomplish the needs presented in the storyboard, independent of the standards paradigm.  This type of cross-paradigm storyboard also is needed to identify operational issues that exist in the “real world” where multiple standards paradigms are utilized together.  The storyboard creates an context to aid communication about information exchange and interoperability challenges and requirements that are relevant to Payers. It also contributes an “demonstration environment” where potential solutions can be considered and compared. It provides enough specifics to help stakeholders visualize and conceptualize the practical implications of proposed technological solutions. |

* 1. Security Risks

|  |  |  |  |
| --- | --- | --- | --- |
| Will this project produce executable(s), for example, schemas, transforms, style sheets, executable program, etc. If so the project must review and document security risks. Refer to the [Cookbook for Security Considerations](http://wiki.hl7.org/index.php?title=Cookbook_for_Security_Considerations) for additional guidance, including sample spreadsheets that may be used to conduct the security risk assessment. |  |  | **Yes** |
|  | X | **No** |
|  |  | **Unknown** |
|  |

* 1. External Drivers

|  |
| --- |
| **None.** |

* 1. Project Objectives / Deliverables / Target Dates

|  |  |
| --- | --- |
|  | **Target Date** |
| **Enter objective/deliverable here.**  **Deliverable: A Cross-Paradigm Storyboard Artifact.**  **Outcome: Other efforts such as DAM creation or Implementations can use this storyboard to flesh out gaps or technical issues.**  **All planned ballots and their target dates should be included**  **The example below is a "STU to Normative" path** | **Enter Target Date** |
| **Test use of the storyboard to drive Use Case development** | **2017 Oct – 2017 Nov** |
| **Revise storyboard based on testing feedback** | **2017 Nov** |
| **Submit for Informative Ballot** | **2018 Jan Ballot** |
| **Complete Comment Reconciliation** | **2018 Jan – 2017 Feb** |
| **Submit Artifact Publication Request** | **2018 Mar** |
| **Project End Date (all objectives have been met)**  **Note: For PSS-Lite/Investigative Project, End date must be no more than two WGM cycles, e.g. project initiated at January WGM must complete investigation by September WGM.** | **2018 Mar** |

* 1. Common Names / Keywords / Aliases

|  |
| --- |
| **Payer Perspective Value-Based Care Storyboard; Cross-Paradigm Storyboard Artifact: Value-Based Care, Cross-Paradigm Storyboard Artifact: Payer Perspective; Payer Storyboard for Value-Based Care.** |

* 1. Lineage

|  |
| --- |
| **This storyboard artifact builds upon earlier Payer-perspective Storyboard development contributed to the PC WG Care Plan DAM. It also takes into consideration earlier FHIR Connectathon experience with creation of Hedis Measures.** |

* 1. Project Dependencies

|  |
| --- |
| **None.** |

* 1. Project Document Repository Location

|  |
| --- |
| **Projects must adhere to the** [**TSC's guidelines**](#Project_Doc_Repository_Location_help) **(which were approved on** [**2016-04-04**](http://hl7tsc.org/wiki/index.php?title=2016-04-04_TSC_Call_Agenda) **and summarized in** [**Appendix A**](#Project_Doc_Repository_Location_help)**).**  **Enter the SPECIFIC URL where supporting project documents, deliverables, ballot reconciliation work and other project information will be kept. A template to create a Project Page on the HL7 Wiki is available at: http://wiki.hl7.org/index.php?title=Template:Project\_Page.** |

* 1. Backwards Compatibility

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Are the items being produced by this project backward compatible? |  |  | Yes |  |  | No |  |  | Unknown |  | X | N/A |
|  |  |  |  |  |  |  |  |
| If you check 'Yes' please indicate the earliest prior release and/or version to which the compatibility applies: | | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| For V3, are you using the current data types?  (Refer to [TSC position statement on new projects using R2B](#TSC_position_statement_on_R2B) for more information on the current V3 data types) |  |  | Yes |  |  | No |  |  | Unknown |  | X | N/A |
|  | | |  | | |  |  |  |  |  |  |
| If you check 'No' please explain the reason: | | | | | | | | | | | | |

* 1. External Vocabularies

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Will this project include/reference external vocabularies? |  | X | Yes |  |  | No |  |  | Unknown |  |  | N/A |
|  |  |  |  |  |  |  |  |  |  |  |  |
| If yes, please list the vocabularies:  Some of the descriptive clinical data provided with the storyboard may include information that includes concepts represented using vocabularies such as SNOMED CT, LOINC, CPT, or ICD-10. | | | | | | | | | | | | |

1. Products (check all that apply)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Arden Syntax |  |  | V2 Messages – Administrative |
|  | Clinical Context Object Workgroup (CCOW) |  |  | V2 Messages - Clinical |
|  | Domain Analysis Model (DAM) |  |  | V2 Messages - Departmental |
|  | Electronic Health Record (EHR) Functional Profile |  |  | V2 Messages – Infrastructure |
|  | FHIR Extensions |  |  | V3 Domain Information Model (DIM / DMIM) |
|  | FHIR Implementation Guide |  |  | V3 Documents – Administrative (e.g. SPL) |
|  | FHIR Profiles |  |  | V3 Documents – Clinical (e.g. CDA) |
|  | FHIR Resources |  |  | V3 Documents - Knowledge |
|  | Guidance (e.g. Companion Guide, Cookbook, etc) |  |  | V3 Foundation – RIM |
|  | Logical Model |  |  | V3 Foundation – Vocab Domains & Value Sets |
|  | New/Modified/HL7 Policy/Procedure/Process |  |  | V3 Messages - Administrative |
| X | New Product Definition (please define below) |  |  | V3 Messages - Clinical |
|  | New Product Family (please define below) |  |  | V3 Messages - Departmental |
|  | Non Product Project - (Educ. Marketing, Elec. Services, etc.) |  |  | V3 Messages - Infrastructure |
|  | White Paper |  |  | V3 Rules - GELLO |
|  |  |  |  | V3 Services – Java Services (ITS Work Group) |
|  | Creating/Using a tool not listed in the [HL7 Tool Inventory](http://hl7-tools.herokuapp.com/) |  |  | V3 Services – Web Services (SOA) |

|  |
| --- |
| If you checked New Product Definition or New Product Family, please define below:  Cross-Paradigm Storyboard Artifact – Payer Perspective. |

1. Project Intent (check all that apply)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Create new standard | | | |  |  | Supplement to a current standard | | |
|  | Revise current standard (see text box below) | | | |  |  | Implementation Guide (IG) will be created/modified | | |
|  | Reaffirmation of a standard | | | |  |  | Project is adopting/endorsing an externally developed IG: | | |
|  | New/Modified HL7 Policy/Procedure/Process | | | |  |  | Specify external organization in Sec. 6 below; | | |
|  | Withdraw an Informative Document | | | |  |  | Externally developed IG is to be (select one): | | |
|  | White Paper (select one): | | | |  |  | Adopted - OR - |  | Endorsed |
|  |  | Balloted Informative OR |  | Non-balloted WG White Paper |  | X | N/A (Project not directly related to an HL7 Standard) | | |

|  |
| --- |
| Any HL7 Standard indirectly could reference this cross-paradigm storyboard, using it as the context for generating Use Cases that are relevant to their standard. |

* 1. Ballot Type (check all that apply)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Comment (aka Comment-Only) | | |  |  | Joint Ballot (with other SDOs) |
| X | Informative | | |  |  | N/A (project won’t go through ballot) |
|  | STU to Normative - OR - |  | Normative (no STU) |  |  |  |

|  |
| --- |
|  |

* 1. Joint Copyright

*Check this box if you will be pursuing a joint copyright. Note that when this box is checked, a Joint Copyright Letter of Agreement must be submitted to the TSC in order for the PSS to receive TSC approval.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Joint Copyrighted Material will be produced? |  |  | Yes |  | X | No |  |  |

1. Project Logistics
   1. External Project Collaboration

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **None.** | | | | | | | |
| For projects that have some of their content already developed: | | | | | | | |
| How much content for this project is already developed? | **Indicate % here** | | | | | | |
| Was the content externally developed (Y/N)? | **If Yes, list developers** | | | | | | |
| Is this a hosted (externally funded) project?  (not asking for amount just if funded) |  |  |  |  |  |  | |
|  |  | Yes |  |  | No |

* 1. Realm

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Universal - OR - |  | **X** | Realm Specific |
|  | |  |  | Check here if this standard balloted or was previously approved as realm specific standard |
|  | | **U.S. Realm.**  **Payer requirements and care delivery models in the United States are unique to the US Realm.**  **In discussing realm specificity, it has been noted that the scenario described in this storyboard may be relevant in other realms, however, the information and sequence of care events will be specific to the US Realm environment, likely resulting in a storyboard artifact that only is useful in the US Realm. Once this storyboard is completed, the framework could be reused to construct a similar storyboard which contains specifics for another Realm. Constructing storyboard variations for other realms is out of scope for this project.** | | |

* 1. Stakeholders / Vendors / Providers

*This section must be completed for projects containing items expected to be ANSI approved, as it is an ANSI requirement for all ballots*

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

* 1. Project Approval Dates

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Affiliate Approval Date (for Affiliate Specific Projects): | **Affiliate Approval Date CCYY-MM-DD or indicate “N/A”** | | | | | | | | |
| US Realm Steering Committee Approval Date  (for US Realm Specific Projects): | **USRSC Approval Date CCYY-MM-DD** | | | | | | | | |
| Sponsoring Work Group Approval Date: | **AWG Approval Date 2017-06-27** | | | | | | | | |
| CDS WG Approval Date | **CDS WG Approval Date 2017-06-21** | | | | | | | | |
| CQI WG Approval Date | **CQI WG Approval Date 2017-06-23** | | | | | | | | |
| FM WG Approval Date | **FM WG Approval Date 2017-06-23** | | | | | | | | |
| FHIR Project: [FHIR Management Group](http://www.hl7.org/Special/committees/fhirmg/leadership.cfm) Approval Date: | **N/A** | | | | | | | | |
| Architectural Review Board Approval Date:  (required for externally developed content) | **N/A** | | | | | | | | |
| Steering Division (of Primary Sponsor WG) Approval Date: | **SD Approval Date CCYY-MM-DD** | | | | | | | | |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Last [PBS Metrics Score](http://gforge.hl7.org/gf/project/tsc/frs/?action=FrsReleaseBrowse&frs_package_id=169): |  | Green |  | Yellow |  | Red | | [PBS Metrics Reviewed](http://gforge.hl7.org/gf/download/docmanfileversion/9076/13967/PBS%20Metric%20Guidance%20for%20SD%20CoChairs%202016%20Final.doc)? (required for SD Approval if not green) | | |  | Yes |  | No | | | | | | | | | | |
| Technical Steering Committee Approval Date: | **TSC Approval Date CCYY-MM-DD** | | | | | | | | |
| TSC has received a Copyright/Distribution Agreement (containing the verbiage outlined within the SOU), signed by both parties. |  | | |  |  |  |  | |  |
|  |  | Yes |  | No | | X | N/A | |