**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

|  |  |
| --- | --- |
|  |  |
| HL7 EHR-System Electronic Nutrition Care Process Record System (ENCPRS) Functional Profile, Release 2 | Project ID:  |
|  | **X** | TSC Notification STU to Normative  | Date : 2017-11-21 |
| **Check this box when the project proceeds from Informative to Normative or STU to Normative status. Forward to the TSC for notification, as this triggers American National Standards Institute (ANSI) Project Initiation Notification (PINS) submission.**  |
|  |  | Investigative Project | Date :  |
| **Check this box when the project is investigative or exploratory in nature, which allows limited project scope definition. Sections in bold outline are mandatory for project approval of an investigative project; all other sections are optional. Sections 1-Project Name and Scope, 2-Sponsoring Group(s)/Project Team, 3a-Project Scope, 3b-Project Need, 3g-Project Objective, 3i-Project Document Repository, 6b-[Realm, if known], and 6d-[applicable Approval Dates] are required.****Investigative Project specific instructions are highlighted in yellow.****An investigative project must advance in two WGM cycles, requiring a full scope statement. Otherwise the project will be closed.**  |

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

|  |  |
| --- | --- |
| Primary Sponsor/Work Group **(1 (And Only 1) Allowed)**  | **Electronic Health Record Work Group** |

* 1. Co-sponsor Work Group(s)

|  |  |
| --- | --- |
| Co-sponsor Work Group(s)(Enter co-sponsor approval dates in Section 6.d Project Approval Dates) | None  |
| Indicate the level of involvement that the co-sponsor will have for this project:

|  |  |
| --- | --- |
|  |  Request formal content review prior to ballot |
|  |  Request periodic project updates. Specify period:  | Monthly, at WGMs, etc. |
|  |  Other Involvement. Specify details here:  | Enter other involvement here |

 |

* 1. Project Team

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

|  |  |
| --- | --- |
| Project facilitator (**1** **Mandatory**) | Lindsey Hoggle, Academy of Nutrition and Dietetics LHoggle@eatright.org  |
| Other interested parties and their roles | Members of the Academy of Nutrition and Dietetics; Health care providers who manage nutrition care plans. |
| Multi-disciplinary project team (recommended) |  |
|  Modeling facilitator | None |
|  Publishing facilitator | John Ritter |
|  Vocabulary facilitator | John Ritter |
|  Domain expert rep | Academy of Nutrition and Dietetics Interoperability and Standards Committee; volunteer Subject Matter Experts |
|  Business requirement analyst | None |
|  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) Nathan Billing, Information Management Analyst | Information Management Group Auckland District Health **Board**|Level 8 | Building 1 | Auckland City Hospital |Grafton   (nbilling@adhb.govt.nz) |
| 2) Marlis Atkins, Alberta Health Services (Marlis.Atkins@albertahealthservices.ca) |

1. Project Definition
	1. Project Scope

|  |
| --- |
| This project creates an Electronic Nutrition Care Process Record System (ENCPRS) Functional Profile based on the Electronic Health Record System Functional Model R2 (EHRS-FM). This project will be conducted as a joint work effort between HL7 and the Academy of Nutrition and Dietetics (Academy), where the Academy’s Interoperability and Standards Committee and Nutrition Care Process Research Outcomes Committee updates the content and documents workflow relevant to the ENCPRS. Other Academy internal groups and international colleagues will review the work and provide relevant input and/or revision. The workgroup will consist of subject matter experts from nutrition practice, nutrition software vendors, implementers, and informaticians. The intent is to develop a standard list of functions and criteria needed for full integration of both the Nutrition Care Process (NCP) and the representative terms from the electronic Nutrition Care Process Terminology (eNCPT), as represented by appropriately mapped SNOMED-CT, LOINC for nutrition care in EHRs. The NCP serves as a systematic approach to providing high quality nutrition care. This standardization will encourage the acquisition of EHR systems by nutrition health providers and promote information interoperability between nutrition and food systems and other areas of healthcare.The project is aimed at developing a Functional Profile that identifies critical capabilities for the performance of nutrition services utilizing EHR systems. This work will establish conformance to the HL7 International EHR-S Functional Model Release 2, under the advice and direction of the HL7 International EHR Technical Committee. A set of requirements is developed for using E HR systems in the documentation of the Nutrition Care Process. These requirements have been mapped into this functional profile and identify those portions of the HL7 EHR-S Functional Model that apply to patient care in the Nutrition Care Process, and further identify additional functionality toward facilitating ease of use for those involved in patient care in the Nutrition Care Process, thus providing EHR vendors with conformance criteria that are specific to regulated tasks within the Nutrition Care Process in the HL7 International formats. |

* 1. Project Need

|  |
| --- |
| Most electronic health record systems have limited functionality that supports the actions of a Registered Dietitian/Nutritionist (RDN) in providing individual nutrition care. In most cases, nutrition documentation and data are designed at the facility level. Limitations in local resources, knowledge of systems design and nutrition best practices creates an inconsistent use of key data that should be interoperable and available for quality metrics reporting. |

* 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. |  | X | **Yes** |
|  |  | **No** |
|  |  | **Unknown** |
|  |

* 1. External Drivers

|  |
| --- |
| None. |

* 1. Project Objectives / Deliverables / Target Dates

|  |  |
| --- | --- |
|  | **Target Date** |
|  |  |
| **Submit for STU Ballot(First Ballot Cycle)** |  |
| **Example: Complete STU Reconciliation** |  |
| **Example: Submit for 2nd STU Ballot** |  |
| **Example: Request STU Publication** |  |
| **Example: STU Period – 12 months** |  |
| **Example: Submit for Normative Ballot** | **2018 May Ballot** |
| **Example: Complete Normative Reconciliation** | **2018 Sep WGM** |
| **Example: Submit Publication Request** | **2018 Oct** |
| **Example: Receive ANSI Approval** | **2019 Nov**  |
| **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.** | **2020 Jan** |

* 1. Common Names / Keywords / Aliases

|  |
| --- |
| **EHR-S Electronic Nutrition Care Process Record System (ENCPRS) Functional Profile, R2; Nutrition Profile**  |

* 1. Lineage

|  |
| --- |
| **ENCPRS DSTU R1.1** |

* 1. Project Dependencies

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

* 1. Project Document Repository Location

|  |
| --- |
| The Wiki is**:** <http://wiki.hl7.org/index.php?title=Product_EHR_ENCPRS_FP>The list-serve is: ehrnutrition@lists.hl7.org**LINK to WIKI PAGE****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 |  | X | No |  |  | Unknown |  |  | 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: SNOMED-CT, LOINC, electronic Nutrition Care Process Terminology |

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 |
| X | 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 |
|  | 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) |

|  |
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|  |

1. Project Intent (check all that apply)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Create new standard |  |  | Supplement to a current standard |
| X | 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 |  |  | N/A (Project not directly related to an HL7 Standard) |

|  |
| --- |
| **If revising a current standard, indicate the following:*** **EHR-S Electronic Nutrition Care Process Record System (ENCPRS) Functional Profile, R1; Nutrition Profile**
* **Published in May 2014**
* **Profile needs updating to the Release 2 of the HL7 EHR System Functional Model; addition of nutrition focused physical findings.**
* **The relationship between the new standard and the current standard is it designed to replace the current standard.**
 |

* 1. Ballot Type (check all that apply)

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

|  |
| --- |
| **If necessary, add any additional ballot information here. If artifacts will be jointly balloted with other SDOs, list the other groups.** |

* 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? |  | X | Yes |  |  | No |  |  |

1. Project Logistics
	1. External Project Collaboration

|  |
| --- |
| **Include SDOs or other external entities you are collaborating with, including government agencies as well as any industry outreach. Indicate the nature and status of the Memorandum of Understanding (MOU) if applicable.** |
| 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)?  | **Academy of Nutrition and Dietetics** |
| Is this a hosted (externally funded) project? (not asking for amount just if funded) |  |  |  |  |  |  |
|  | X | Yes |  |  | No |

* 1. Realm

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Universal - OR - |  | **X** | Realm Specific-U.S.  |
|  |  |  | Check here if this standard balloted or was previously approved as realm specific standard |
|  |  |

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

|  |
| --- |
| Other: Nutrition specific software |

 |

* 1. Project Approval Dates

|  |  |
| --- | --- |
| Affiliate Approval Date (for Affiliate Specific Projects): | **N/A** |
| US Realm Steering Committee Approval Date (for US Realm Specific Projects): | **USRSC Approval Date CCYY-MM-DD or indicate “N/A”** |
| Sponsoring Work Group Approval Date: | **WG Approval 2017-11-21** |
| Co-Sponsor Group Approval Date(Copy this entire row for each co-sponsor; indicate the specific cosponsor that issued approval) | **N/A** |
| 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. |  |  |  |  |  |  |
|  | X | Yes |  | No |  |  N/A |