Approved Projects

Virtual Medical Record for Clinical Decision Support (vMR-CDS) XML Implementation Guide, Release 2 (US Realm), for CDS WG of SSD SD at Project Insight # 1016. A Virtual Medical Record (vMR) is a data model for representing the data that are analyzed and/or produced by clinical decision support (CDS) engines. The purpose of a vMR is to support scalable, interoperable CDS. The vMR XML Implementation Guide provides guidance on how to implement the semantics of the vMR Domain Analysis Model in an XML format. Release 1 of the Implementation Guide was successfully balloted as a DSTU in May 2013. In this project, we will update the XML Implementation Guide to Release 2. This update will be informed by the requirements and pilot activities of the Standards and Interoperability Framework’s Health eDecisions Initiative, which is using the vMR as a core underlying information model.

Virtual Medical Record for Clinical Decision Support (vMR-CDS) Templates, Release 1 (US Realm) at Project Insight # 1030 for CDS WG of SSD SD. A Virtual Medical Record (vMR) is a data model for representing the data that are analyzed and/or produced by clinical decision support (CDS) engines. The purpose of a vMR is to support scalable, interoperable CDS. The vMR Templates Implementation Guide specifies vMR templates that constrain the base vMR model to facilitate semantic interoperability, similar to how Consolidated Clinical Document Architecture (C-CDA) templates constrain the base CDA model. The vMR templates are informed by the templates defined for the C-CDA and Quality Reporting Document Architecture (QRDA) standards. In addition to defined templates included in this document, this Implementation Guide describes a process for creating new vMR templates in the future.

Virtual Medical Record for Clinical Decision Support (vMR-CDS) Logical Model, Release 3, formerly named Virtual Medical Record Domain Analysis Model, Release 3, for CDS of SSD SD at Project Insight 1017. A Virtual Medical Record (vMR) is a data model for representing the data that are analyzed and/or produced by clinical decision support (CDS) engines. The purpose of a vMR is to support scalable, interoperable CDS. Release 2 of the vMR Domain Analysis Model (DAM) was successfully balloted as an informative specification in May 2013. In this project, we will update the DAM to Release 3. This update will be informed by the requirements and pilot activities of the Standards and Interoperability Framework’s Health eDecisions Initiative, which is using the vMR as a core underlying information model.

Decision Support Service Implementation Guide for CDS WG of SSD SD at Project Insight # 1018. A Decision Support Service takes in patient data as the input and provides back patient-specific assessments and recommendations. A Decision Support Service facilitates the implementation of clinical decision support capabilities in a scalable manner. This work effort will encompass the creation of an Implementation Guide for Decision Support Services, also known as CDS Guidance Services, which will be informed in part by the requirements developed as part of the Standards and Interoperability Framework’s Health eDecisions Initiative. To the extent possible, this project will leverage and harmonize existing standards such as Decision Support Service (DSS), Virtual Medical Record (vMR), Consolidated Clinical Document Architecture (CCDA), Simple Object Access Protocol (SOAP), and Representational State Transfer (REST).

Extension of DSTU Comments Site Functionality to Normative and Informative Standards for Electronic Services WG of T3SD at Project Insight # 1032. The project intends to extend the ability to comment on Informative and Normative standards in addition to DSTU Standards. Apply consistent requirements as to who can use the site e.g. view only, view and comment. The tool would not include ‘comment only’ materials.

Approved Publications
Other Approvals

The TSC endorsed the recommendations from the US Realm Task Force and Content Review team regarding the approach to the vMR-CDS projects.

How to find TSC information

The TSC wiki site houses its minutes, process documents, templates, links to the ArB wiki and the TSC Issue Tracker, a list of current projects, and more. You can access the TSC wiki at: http://www.hl7.org/permalink/?TSCWiki. See the links below for instructions on how to view the list of projects and access the TSC Issue Tracker.

- TSC Tracker: link to http://gforge.hl7.org/gf/project/tsc/tracker/?action=TrackerItemBrowse&tracker_id=313
- Project Insight Searchable Database: link to http://www.hl7.org/permalink/?searchableProjectIndex
- Project List on GForge: link to http://gforge.hl7.org/gf/project/tsc/frs/?action=FrsReleaseBrowse&frs_package_id=98
- Project Insight: link to http://www.hl7.org/permalink/?ProjectInsight, (requires PMO-assigned log in credentials)
- Project Insight: link to http://www.hl7.org/permalink/?ProjectInsight, (requires PMO-assigned log in credentials)