Init1pm9 - Automate

Pre Interview:

Item	Information/Response
Date:	12/17/2009
Requirement # unique id *<SemCon Ops Initiative>.<analysts initials><requirement number>* e.g. Init1dbw1 (eventually linked to Use Cases)	Init1pm9
Originator/Customer's Name:	Salvatore Mungal : forum posting
Originator/Customer's Company:	Duke Cancer Center
Stakeholder Community: Enter appropriate category of stakeholder from Primary Stakeholders: • Software and Application designers and architects • Software and Application engineers and developers • Scientific and medical researchers • Medical research protocol designers • Clinical and scientific research data and metadata managers • Clinicians • Patients • Medical research study participants • Broader Stakeholders: caBIG® Community WS NIH projects and related commercial COTS vendors (caEHR, SDO's (HL7, CDISC); International Collaborators (e.g NCRI, cancerGrid, China), Government and regulatory bodies (FDA, CDC, ONC) *(link to view SemConOps Stakeholders description)*.	• Software and Application designers and architects • Medical research protocol designers • Clinical and scientific research data and metadata managers
Summary of requirement pre-interview, by Reviewer:	The forum posting summarizes a number of use cases that pertain to Metadata Modelers and Cancer Researchers discussed during a caBGI face-to-face meeting at Cambridge. They can be summarized as follows: • Automation ○ Streamline the process of model creation, submission, and curation, including the tracking of artifacts (this is similar to Init1pm8 - Simplify and streamline recording data semantics, Init1pm6 - Automate Loading process, and Init1pm7 - Automate & Streamline caDSR Model Submission Process) • Enhanced Semantics ○ Model/mechanism to drive through the questions on a form or during a task without manually curating CDE (need more clarity) ○ Change choices on subsequent question answers based on answer to another question. More complex form of skip pattern or conditional behavior - event driven vs. skip pattern - NHS. • Enhanced Tooling Features ○ Import electronic doc/forms to caDSR. ○ Improve searching for "best" CDE version (artificial intelligence - not trivial).
Recommended Next Step Enter one: Follow-up interview, Observe, Use Case Template (text), Use Case Model (formalized/UML diagram), Group Discussion, Prototype, Waiting Room	Follow-up interview