University of Florida Identity Registry Requirements

Topic #	Requirement
ID-1	Maintain a central data repository that uniquely identifies entities (individuals/organizations)
ID-2	The unique identifier (UFID) is never re-issued to a different entity.
ID-3	Provide Identity search-match capabilities
ID-4	Provide Identity merge/ID resolution capabilities
ID-5	Maintain UFID record statefulness (i.e., active, inactive, error)
ID-6	Provide notification functionality to entities/units of changes to selected attributes
ID-7	Provide basic workflow capabilities for review and approval of selected changes
ID-8	Provide ability to publish changes to subscribing service providers
ID-9	Provide interface to postal validation, standardization and formatting services
ID-10	Support multi-national formats for phones, addresses, etc.
ID-11	Provide or support a scheduled event processor
ID-12	Support multiple credentials
ID-13	Support multiple identifiers
ID-14	Support effective dated values (i.e., start and end dates for affiliations, addresses, etc)
ID-15	Support and interacts with identity federation to internal/external service providers
ID-16	Support the InCommon Identity Federation standards and protocols
ID-17	Support SOAP messaging to other IAM components and service providers.
ID-18	Support REST-based web service interfaces
ID-19	Support an ESB (Enterprise Services Bus) for communication (e.g., BizTalk)
ID-20	Support the eduPerson, eduOrg and eduCourse Internet2 MACE standards
ID-21	Support a file/batch interface for importing data, including support for XML, CSV, .xls, fixed width, and other formats
ID-22	Support a file/batch interface for extracting data, including support for XML, CSV, .xls, fixed width, and other formats
ID-23	Provide a management interface (UI) for authorized registry authorities (Identity Coordinators, Administrators) to manage information in the data store.
ID-24	Provide a management interface (UI) for administrative troubleshooting and configuration
ID-25	Provide a set of APIÕs (SOA, SOAP, REST, etc.) for programmatic interaction with the registry along with security for authorized access
ID-26	Maintain a permanent audit log/history of ALL activities/events within the data store (adds, changes, deletes) with record of entity making changes with timestamps and comments
ID-27	Provide a UI to the audit log/history of ALL activities/events along with reporting capability
ID-28	Support a self-service user interface (UI) to change selected registry attributes

ID-29	Provide services to add, update and archive persons
ID-30	Provide services to add, update and archive address information for a person
ID-31	Provide services to add, update and archive email address(s) information for a person
ID-32	Provide services to add, update and archive emergency contact information for a person (who to contact)
ID-33	Provide services to add, update and archive name information for a person
ID-34	Provide services to add, update and archive telephone number information for a person
ID-35	Provide services to add, update and archive net id information for a person
ID-36	Provide services to add, update and archive credential information for a person
ID-37	Provide services to add, update and archive Identity Assurance information for a person
ID-38	Provide services to add, update and archive affiliation information for a person
ID-39	Provide registry attributes that can be entered or computed based on other existing registry attributes.
ID-40	Provide multiple levels of privacy and publishing indicators/attributes/flags
ID-41	The data model should support unlimited new categories and/or types of names, addresses, phone numbers, emails, identifiers, relationships, locations, etc. See Appendix B for logical ERD diagram.
ID-42	Identity proofing to support NIST Level 2
ID-43	Logging and management of Identity Proofing
ID-44	Data driven attribute definition of all >>>> entity object types.