

ISDA Project Review

IS&T VP Staff - Jan 11, 2007

Our Charter

- To create, maintain and promote a flexible infrastructure software architecture populated by components and with interfaces that are easily usable (and used) by software developers across MIT
- Conceptualize and define an Enterprise IT Architecture for MIT; IT-SPARCC, ITAG, ISTAB, and other MIT community forums will be key partners in this effort
- Maintain an appropriate balance between engaging in development for MIT and the world-at-large

Our Services

Security Services

- Kerberos Development
- Authentication/Authorization
- Web SSO

Architecture

- Enterprise Architecture
- Identity Management
- Integrated Communications
- OKI
- IT Consulting

Academic Services

- Stellar LMS
- Stellar Images

Data & Reporting Services

- Data Warehouse
- Reporting Services
- Roles
- MIT ID

Developer Software & Platform Services

- Content Services (WCM, Thalia)
- Web Services
- Jabber/Presence infrastructure
- Athena development

NOTE: More details at <http://web.mit.edu/ist/isda>

Other ISDA Activities

- ITAG – architecture updates, policies, best practices
- TRB – technical projects review, technology roadmaps/trends
- Living the Future (Media Lab, CSAIL)
- Student Systems Vision Study
- OKI
- Architecture Consulting to DLC's
- Transition of some AC services to ISDA: Wikis, Blogs, Issues/Defect Management (JIRA)

Purpose of Review

- Increase communication and awareness of on-going projects within IS&T
- Foster collaboration in cross directorate and departmental projects
- Drive better decision making in the organization on projects and operational planning
- Input and advice from IS&T Leadership
- What measures can we (should we) use to create actionable items from this review?

Clients and Collaborators

Internal Clients & Collaborators

- IS&T
- CSAIL
- Broad
- CAO
- Media Lab
- Sloan
- Libraries
- Alumni

External Collaborators

- UC Berkeley (image management)
- Sakai Foundation
- Stanford (Single Sign On)
- Cambridge University (UK)
- University of Michigan
- Novell
- Sun
- Red Hat
- Apple
- Internet 2

Description of Project Status

A project remains at the least favorable status. i.e. if one milestone goes amber or red, the entire project should be reported as amber or red. Any re-negotiation to counter a change in status should be noted in the status pane.

	Milestone completion Date	Resource utilization	Spend vs Budget
Green	On or before time	On or under	Less than expected
Amber	Up to 14 days late	Up to 20% slippage	Up to 20% more than expected
Red	More than 14 days late	More than 20% slippage	More than 20% than expected

Please note: These are generic variables that we have selected to date

Projects Overview

<u>Project</u>	<u>Lead</u>	<u>Status</u>	<u>Client</u>	<u>Start</u>	<u>End</u>
MITBI	Mary Weisse	Green	Broad, CSAIL	11/14/06	01/31/07
DW Upgrade	Svetlana Lemeshov	Amber	Institute wide	09/11/06	04/30/07
RDR	Jim Repa	Green	Institute wide	01/02/07	07/01/08
Web Content Management	Josh Scott	Green	IS&T, Sloan	10/01/06	06/30/07
Kerberos Consortium	Sam Hartman	Green	External	02/01/07	07/01/07
Web SSO	Bob Basch	Amber	Institute wide	07/01/06	06/30/07
Thalia	C. Iannuzzo	Green	HST	11/01/06	06/30/07
Web Services	C. Iannuzzo	Green	SAIS	07/01/06	06/30/07
Stellar Spring Release	Mark Brown	Green	Sloan, MIT	10/01/06	02/02/07
Jabber	Dennis Baron	Green	Institute wide	08/01/06	06/30/07
EA Guide	Scott Thorne	Green	Institute wide	01/01/07	06/30/07
Master Dept Hierarchy	Jim Repa	Green	Institute wide	01/01/06	07/01/07
MIT ID Service	Mary Weisse	Green	Institute wide	01/15/07	?
MIT Guest Acct	Paul Hill	Green	Institute wide	01/15/07	?
Minerva	C. Iannuzzo	Green	Institute wide	11/01/06	06/30/07
Future Hire Reg.	Mary Weisse	Green	HR	01/15/07	?
Card Office Data to DW	Paul Hill	Green	Card Office, Registrar	01/15/07	?
Brio Web	Maija Ahlquist	Green	Institute wide	8/01/06	06/01/07

Featured Projects

DATA Warehouse Upgrade

Project Information

Project Description:
To migrate the Data Warehouse to a supported platform running a supported level of the operating system and database.

Scope:
The Data Warehouse Staff will work with Database Services, ASST, and the Oracle Consultant to migrate from HP True 64 to Sun Solaris 9 and from Oracle 8.1.7 to Oracle 10gR2. This conversion will include performance enhancements where possible and will begin to address a migration to a 24x7 environment. This scope of this project includes the elimination of downtime for backups and the conversion of end user authentication from database authentication s to Kerberos Authentication

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Mary Weisse
Technical Lead: Svetlana Lemeshov

Initiation Date: 9/11/2006
Scheduled End: 4/30/2007 (estimated)
% Completed: 10%

DLC's Impacted: Institute

Project Budget

Capital	\$
Resources	\$
Total	\$

Actual Spend

Capital	\$
Resources	\$
Actual Total	\$

Next Steps & Upcoming Deliverables

- Next two weeks:**
- Complete customizations to DW-3 so that DW Team can compile source and begin testing current load procedures.
 - 24 x 7 presentation of options and collaboration to reach a decision (when, how).

Top Risks & Issues for the Project

- Clarion is the current storage on DW-3 this must be converted to DMX before benchmarking or performance tuning can be done.
- DW-3 and DW-1 & DW-2 are not identical (as discussed). We are not yet sure what (if any) the ramifications will be when we try and do performance tuning, testing, and benchmarking.

DW1 & DW2	Production Master & Presentation	4 CPU's	16GHz
DW3	Development and Test Instances	2 CPU's	8 GHz
- Infrastructure not consistent Medium
- 24 x 7 decisions not made/agreed upon Low
- DMX storage not available when needed Low
- Kerberos Authentication Low

Status Updates

- Database extract from Orca and load to new DW-3 environment complete.
- Warehouse directories and files copied from Freewilly to new DW-3 environment.
- Warehouse programs in process of being compiled and tested.

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Oracle 10gR2 training and research	8/08/2006	9/21/2006	100%	Complete
• Initial Configuration of Server and database software	9/11/2006	9/22/2006	100%	Complete
• Interview and hiring of Consultant (Steve Szymanski)	10/23/2006	12/04/2006	100%	Complete
• Setup of DW-3 environment, footprint of db, export/import of data, indexes, statistics	10/23/2006	12/28/2006	100%	Complete
• Environment Customizations (C compiler, Perl, SCP, PGP, FTP, Printers, aliases, etc)	1/02/2007	1/13/2007	70%	In Process
• 24 x 7 research, presentation, decisions	1/08/2007	1/22/2007	0%	In Process
• Kerberos Authentication (setup, testing)				
• Conversion of Clarion Storage to DMX Storage	1/15/2007	1/26/2007		
• Performance Tuning	1/29/2007	3/30/2007		
• Setup of Production Machines DW1 & Dw2	1/23/2007	3/23/2007		
• Parallel Processing (Systems of Record Testing – no community users)	3/31/2007	4/13/2007		
• Parallel Processing (Community using new environment)	4/16/2007	4/27/2007		
• Retirement of HP Servers	4/30/2007	4/30/2007		

Core Team

OIS	ISDA
David Dai	Majja Ahlquist
Jody Housman	Huey Chan
Dan Logcher	Marina Korobko
Mark Silis	Lana Lemeshov (Technical Lead)
	Mary Weisse
Oracle Consultant	Elena Zhitnikov
Stephen Szymanski	

Enterprise Wide Content Management Services (EWCMS)

Date: 12/29/06

Project Information

Project Description:
Assessment and Implementation of the Alfresco Content Management System. Evaluate Alfresco to determine whether or not it is a suitable content management system for IS&T to offer as a service to other departments within MIT.

Scope:
Migrate the MIT IS&T Department's website onto Alfresco and assess the system's ability to fit our needs.

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Joshua Scott
Technical Lead: Catherine Iannuzzo

Initiation Date: 10/01/06
Scheduled End: 06/30/07
% Completed: 15%
DLC's Impacted: IS&T

Project Budget

Capital	\$ 166,172
Resources	\$ 228,350
Total	\$ 394,522

Actual Spend

Capital	\$ 15,000
Resources	\$ 30,790
Actual Total	\$ 45,790

Forecasted on budget: Yes

Next Steps & Upcoming Deliverables

Next two weeks:

- Establish 3 box stage-1 development environment
- Install Alfresco CMS FC release
- Perform development proof on concept and establish firm development timelines
- Continue coordination with MIT Alumni Association and schedule/hold next-step WebEx session
- Ramp-up discussions with Stellar/Sloan, perform requirements comparison and identify overlap
- Complete high-level IA redesign for IS&T website
- Formalize beta process with Alfresco

More than two weeks out:

- Perform beta phase with Alfresco and identify needs, changes, development priorities, etc.
- Install formal beta release of Alfresco CMS (1/15?)
- Install GA release of Alfresco CMS (2/15?)
- Begin form, template, and page development for the IS&T website
- Begin content migration tool development
- Coordinate installation of end-stage development and production hardware environments

Top Risks & Issues for the Project

Issue / Risk	Priority (1-3)	Risk
Issue: On-time application delivery from Alfresco (FC, Beta, and GA releases)	1	Medium
Issue: Alfresco FC release code quality	1	Medium
Issue: Lack of documentation / direction with current application build releases from Alfresco	2	Medium
Issue: Coordination with other MIT groups interested in project involvement (Alumni Assoc, Stellar, Sloan, etc.)	2	Low
Overall Risk: Constant pushback on release dates from Alfresco could affect the project completion date. We will know more about the development timelines after the PoC phase (now through 1/15), but Alfresco release dates have already slipped nearly 6 weeks.	1	Medium

Status Updates

- Server Operations – 3 boxes have been installed and are ready for the installation of the Alfresco FC release. Developer accounts have been created as well. We are moving forward with making arrangements for the other boxes that need to be ordered for the final setup.
- CSS Website Redesign – The IA redesign for the IS&T website is in process, led by Jeff Reed and Michael Dutton of DCAD. Internal and external analysis is in process and the outcomes will help design a new architecture for the IS&T website.
- Development – The development team is kicking off weekly development meetings this week to start working together more cohesively. The FC release that was promised on 12/22/06 is little more than a more code-complete daily build, which is less than what the team expected (no documentation, no announcement, etc.). Per these circumstances, we are trying to figure out the best way to proceed with the proof of concept and general development.
- Resources – We have hired a resource to focus primarily on the migration of content from the current form of the IS&T website into Alfresco. In addition, we are closing in on a resource to focus on Systems Administration.

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
Project Management Tools (Plan, Charter, Issues Log, etc.)	10/30/06	11/02/06	100%	Complete
FC Installation	12/26/06	01/02/07	75%	In Process
Development PoC	01/02/07	01/15/07	0%	Starting
Beta Phase – Product Analysis, Change/Need Identification	01/15/07	02/02/07	0%	Pending
GA Installation	02/16/07	02/23/06	0%	Pending
Server Operations – Development, Test, and Production Environment	10/30/06	TBA	25%	In Process
IS&T Website Redesign	12/01/06	04/15/07	15%	In Process
IS&T Website Information Re-architecture	12/01/06	01/15/07	50%	In Process
Link Management Functionality Development	TBA	TBA	0%	Pending

Core Team

ISDA
Project Manager - Joshua Scott
Development Manager - Catherine Iannuzzo
Lead Developer - Joe Calzaretta
Content Migration – Ann-Patrice Hickey
Systems Administrator - TBA

CSS
Lead Developer - Steve Turner
Project Advisor - Amon Horne

Stellar Spring 2007 Release

Date 01/02/07

Project Information

Project Description:
 Stellar Course Management System will release a set of new features and improvements for the Spring 2007 semester, in response to user requests and strategic requirements:
 * Pilot version of Gradebook tool
 * Improved version of Stellar Images tool
 * UI and workflow improvements to meet Sloan-driven requirements
 • User guide updates
 • Communication and outreach plan

In addition, there will be semester transition and configuration issues

Detailed information available on Confluence at:
<https://conlab.mit.edu/confluence/display/STLR/Home>

Sponsors: Wilson D'Souza (IS&T)
 Business Project Manager: Mark Brown
 Technical Lead: Craig Counterman

Initiation Date: 10/01/06
 Scheduled End: 02/02/07
 % Completed: 80%
 DLC's Impacted: IS&T, MIT courses

Project Budget (annual budget)

Capital	\$ 300,000
Resources	\$ 700,000
Total	\$ 1,000,000

Actual Spend

Capital	\$ 300,000
Resources	\$ 700,000
Actual Total	\$ 1,000,000

Forecasted on budget: **Yes/No**

Next Steps & Upcoming Deliverables

Next two weeks:

- Functional review of Gradebook
- Functional review of Stellar Images sub-release 2
- Functional review of Sloan changes

More than two weeks out:

- Functional review of Stellar Images sub-release 3
- QA Testing for Gradebook tool, Sloan changes, Stellar Images final release, and General changes.
- Pilot tester training
- End of Semester and New Semester issues (messaging, configuration, transition)
- Product delivery

Top Risks & Issues for the Project

Issue / Risk	Priority (1-3)	Risk
▪ Inadequate QA resources focused on final delivery	1	Med
▪ Can't deliver all requested features in Stellar Images	2	Low
▪ Can't deliver all requested features in Gradebook	3	Low

Status Updates

- Gradebook functionality largely delivered. Integrating final set of usability recommendations. Ready to freeze and deliver.
- Sloan-driven changes are approved by client and nearing completion.
- Stellar Images changes are on track.
- Post-Spring release goals are being defined.

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Functional review of Stellar Gradebook	1/2/07	1/5/07	80%	In Process
• Functional review of Stellar Images R2	1/4/07	1/9/07	50%	In Process
• Functional review of Sloan changes	1/10/07	1/12/07	50%	In Process
• Functional review of Stellar Images R3	1/15/07	1/18/07	0%	On Track
• QA Testing for Gradebook	1/15/07	1/25/07	0%	On Track
• QA Testing for Stellar Images Final release	1/15/07	1/25/07	0%	On Track
• QA Testing for Sloan changes	1/15/07	1/25/07	0%	On Track
• QA Testing	1/15/07	1/25/07	0%	On Track
• Site configuration and transition issues	1/22/07	2/16/06	0%	On Track

Core Team

Mark Brown
Craig Counterman
Gongqin Li
Andrew McKinney
Joanna Proulx
Arti Sharma

Web Services

01/08/07

Project Information

Project Description:
Web service access to MIT backend systems: Roles and MIT ID. Also Geographic Location service using external vendor.

Scope:
Initial client is UA Phase 2, but services will be offered to any MIT dev customer.

Sponsors: Wilson D'Souza (IS&T)

Technical Lead: Catherine Iannuzzo

Initiation Date: 7/1/06
Scheduled End: 6/30/07
% Completed: 75%
DLC's Impacted: IS&T

Project Budget

Capital	\$000,000
Resources	\$ 239,000.
Total	\$

Actual Spend

Capital	\$000,000
Resources	\$
Actual Total	\$

Forecasted on budget: Yes/No

Next Steps & Upcoming Deliverables

Next two weeks:

- Resolve certificate issue
- Integrate w/UA on new Test Server
- Upgrade all code to Java 1.6

More than two weeks out:

- production
- documentation from ISDA website
- mechanism for distributing new Geo libraries

Top Risks & Issues for the Project

Resolve certificate process	1	Med
Sys Admin services for installation, operation	2	Med

Status Updates

- OIS has raised issue w/new certificate process
- Fallback is to use existing server client certs, so schedule will not be significantly impacted
- Server failure bug (thread, memory leaks) solved by JVM 1.6
- Geo codes library completed

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• go to QA with UA	2/1	4/1		Not yet
• UA Production	4/1			

Core Team

<p>UA</p> <p>Lori Singer Eamon Kearns</p>	<p>IS&T</p> <p>Dave Tanner Qing Dong Catherine Iannuzzo Andrew Boardman</p>
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Projects Scheduled to Complete by July 07

- Implementation of the Alfresco Content Management System
- Updated Enterprise Architecture Guide
- Jabber Upgrade – to expand presence of application
- Master Department Hierarchy of DLC's
- Launch of Kerberos Consortium
- Web Single Sign On
- Roll out Stellar using Alfresco for the Sloan pilot*
- Stellar Images Improvements
- Stellar Gradebook tool
- Web Services for Geo Location, Roles, and MIT ID
- Thalia Version 2

General Risks & Challenges

- Consistent message to the MIT community
- Buy in from all parties
- Too many “Chiefs” in the decision process
- Timeliness (software releases, etc)
- Service delivery process from development to production
- SLAs
- Documentation of existing systems and APIs

Software Development Challenges

- Development aligned to an architecture framework or roadmaps
- Skill sets – re-tooling/training takes time
- Personnel – finding the right people
- QA/Testing
 - Lab infrastructure
 - Code Review – Quality, Security and Performance
 - UAT
- Development toolsets: application frameworks, software repository, issues/defect tracking and enhancement requests, build management
- Focus on standardization, higher utilization and consolidation of assets
- Documentation
- System and application management/monitoring

How do we address the risks/challenges that impact projects?

- Some can be addressed immediately but may have short term impact
- Clear definitions of RACI (Responsible, Accountable, Consulted & Informed) for specific projects will eliminate issues of accountability, communications and timeliness.
- Emphasis on resourcing/funding QA, Testing, Documentation may provide the best value
- Ideas/Options? Input desired..

Questions for Group going forward

- Is this review useful for information dissemination?
- What descriptions or views of these projects would create the most benefit for the purpose of these reviews?
- How often should we update this and or present this?
- Distribution to Community? ITAG? IT-Leads?
- Other Questions?

ISDA Project Scorecards

Jabber Server Upgrade

1/3/07

Project Information

Project Description:
 Evaluate alternatives to current Jabber server infrastructure to improve ability to develop and deploy next generation IM and presence services.

Scope:
 Provide a flexible server platform that can be extended to deliver additional functionality
 Ensure that the server side will scale with increased usage, be maintainable, and continue to provide reliable service
 Investigate commercial versus open-source alternatives

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Dennis Baron
Technical Lead: Greg Hudson

Initiation Date: 8/1/06
Scheduled End: 6/30/07
% Completed: 25%
DLC's Impacted: IS&T

Project Budget

Capital	\$
Resources	\$239,000*
Total	\$

Actual Spend

Capital	\$
Resource Total	\$

Forecasted on budget: Yes

Next Steps & Upcoming Deliverables

- Next two weeks:**
- TRB Review
 - Identify transition task list
 - Evaluate Fastpath click-to-chat capabilities/issues
- More than two weeks out:**
- Develop transition schedule
 - Identify new service capabilities and discuss w/ potential users

Top Risks & Issues for the Project

Issue / Risk	Priority (1-3)	Risk
▪ Won't scale – will require additional hardware	1	Low
▪ Can't identify customers for new services	3	Med
▪ Risk of service interruption vs. summer cutover	2	Low
▪ Technology/standards changing/evolving quickly	1	Med

Status Updates

- Selected Jive Software Wildfire Enterprise
- Technical review completed with OIS
- Met with CSS regarding potential use of click-to-chat

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Develop evaluation criteria	8/1/2006	9/1/2006	100%	Complete
• Evaluate products	9/1/2006	12/1/2006	100%	Complete
• Technical review	12/1/2006	1/1/2007	75%	In Process
• Implementation schedule	1/1/2007	2/1/2007	0%	In Process
• Upgrade completed	2/1/2007	6/30/2007	0%	Pending
• Pilot or implement additional services	3/1/2007	6/30/2007	0%	Pending

Core Team

IS&T
 Dennis Baron
 Greg Hudson
 Catherine Iannuzzo
 Mark Silis

Enterprise Architecture Guide

Date

Project Information

Project Description:
 Publish a revised edition of the Enterprise Architecture Guide.(EAG)

Scope:
 The project include the updating of existing materials, the creation of some new material, and reviewing it with Stakeholders such as ITAG. Then the publishing of all material on the web, with the ability to easily produce a printed copy.

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Rob Smyser
Technical Lead: Scott Thorne

Initiation Date: 01/01/07
Scheduled End: 07/01/07
% Completed: 0%
DLC's Impacted: All

Project Budget

Capital	\$000,000
Resources	\$ 711,000.00
Total	\$

Actual Spend

Capital	\$000,000
Resources	\$

Actual Total \$
 Forecasted on budget Yes/No

Next Steps & Upcoming Deliverables

- Next two weeks:**
- Create initial plan and assignments
 - Determine budget and resources
- More than two weeks out:**
- Hire or assign editor help
 - Get initial drafts
 - Publish Draft
 - Review & Socialize with ITAG et all
 - Update as needed
 - Publish Version 2
 - Define maintenance process

Top Risks & Issues for the Project

Status Updates

- Had initial discussion with ITAG

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Intial Assignments	1/3/07	2/1/07	0	
• Receive Intial Drafts	2/1/07	4/1/07	0	
• Publish to web site	4/1/07	5/1/07	0	
• Review with Stakeholders (ITAG, IT-Leads, ...)	5/1/07	6/1/07	0	
• Publish final version	6/1/07	7/1/07	0	
•				
•				

Core Team

Scott Thorne
 Rob Smyser

ITAG/TRB

Master Department Hierarchy and reporting project

1/2/07

Project Information

Project Description:
Build a database and web-based interface for maintaining a "master hierarchy" of DLCs and linked HR, financial and student systems objects. Use the data for cross-domain reporting in the Warehouse, for authorization control in the Roles DB, and as a source for DLCs in the EHS system

Scope:
The project includes (a) the database and system for maintaining DLCs and links, (b) the initial definition of master DLCs and links to objects, (c) plan for ongoing maintenance, (d) exporting of data to Warehouse, Roles DB, and EHS system

Sponsors: Wilson D'Souza (IS&T), Gillian Emmons (Controllers Office)

Project Manager: Jim Repa

Initiation Date: 01/01/06
Scheduled End: 07/01/07
% Completed: 50%
DLC's Impacted: numerous

Project Budget

Capital	\$000,000
Resources	\$ 22,000.
Total	\$

Capital	\$000,000
Resources	\$
Actual Total	\$

Forecasted on budget: Yes

Next Steps & Upcoming Deliverables

Next two weeks:

- Set up a meeting with Jim Repa, Maija Ahlquist, Peggie McGrath, and Chuck King to plan for future maintenance of data in MDH and use by the Roles DB (Chuck King has done some related work in the past; we need to make sure the work continues to be done by appropriate individuals)

More than two weeks out:

- Vet the data and the plans with Exec VP and Provost representatives
- Add more "domains" to Warehouse reports, i.e. budget area, and space
- Automate synchronization with Roles DB and EHS systems
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Top Risks & Issues for the Project

Issue / Risk	Priority	Risk
* We need to identify a person with data administration skills to manage the validation of changes to data over time	1	medium
* To extend linking of data beyond financial and HR data, we will need cooperation from other central offices	2	medium

Status Updates

- The database and web-based UI for maintaining data have been built and put into production
- The "standard" hierarchy of DLCs and links to HR and financial objects has been defined and the initial set of data has been verified within IS&T and the Controllers office
- Programs for importing the data to the Roles DB have been written and tested, but yet put into production
- Programs have been built on the Warehouse to extract data needed for HR-financial cross-domain reports

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Meet and plan long-term maintenance strategy	1/2/2007	3/1/2007	0%	Incomplete
• Add Budget groups to the linked objects	3/1/2007	7/1/2007	0%	Incomplete
• Put processes in place to synchronize MDH with Roles DB and EHS system	1/2/2007	7/1/2007	30%	In Process
• Make cross-domain Warehouse reports available to the community	TBD	TBD	0%	0%

Core Team

IS&T

Jim Repa
 Maija Ahlquist
 Peggie McGrath

Controllers Office

Gillian Emmons
 Bob Davine

Real-time data repository project

1/2/07

Project Information

Project Description:
 Build a real-time interface to the Roles DB to be used by other applications to look up or modify authorizations-related data.
 Build a real-time interface to deliver people-related data to other applications.

Scope:
 Includes (a) real-time interface to Roles DB, (b) enhancements to Roles DB, (c) 24/7 Roles service, (d) interface for delivering data about people, (e) categorization of data about people to accommodate authorizations, and (f) enhancements to MIT ID database services.

Sponsors: Wilson D'Souza (IS&T)

Project Manager: Jim Repa

Initiation Date: 01/02/07
Scheduled End: 07/01/08
% Completed: 0%
DLC's Impacted: numerous

Project Budget

Capital	\$000,000
Resources	\$ 188,500.
Total	\$ 188,500

Capital

Resources	\$000,000
Actual Total	\$

Forecasted on budget: Yes/No

Next Steps & Upcoming Deliverables

Next two weeks:

- Work on more detailed plans
- Work on meta-data design for implied auths

More than two weeks out:

- ...

Top Risks & Issues for the Project

Issue / Risk	Priority	Risk
* Balance short-term and longer-term goals	2	low
* Pick appropriate interface technology for target applications	1	medium

Status Updates

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Do more detailed plan for real-time access to auths & people data (include tasks below)	1/2/2006	3/1/2006	0%	Incomplete
• Add miscellaneous features to MIT ID database system	?	?	0%	Incomplete
• Build tables and processes to maintain history data on Kerberos principals and MIT IDs	?	?	0%	Incomplete
• Build web-based replacement to the PowerBuilder app for the Roles DB	?	?	0%	Incomplete
• Design and implement hardware changes for 24/7 access to Roles DB	?	?	0%	Incomplete
• Make enhancements to Roles DB for auths for more generic "agents"	?	?	0%	Incomplete
• Build meta-data structures for implied auths and other 3-part data about people	?	?	0%	Incomplete
• Plan and build actual real-time interface for people data and auths data	?	?	0%	Incomplete

Core Team

IS&T

Jim Repa

Kerberos Consortium

Date 01/04/2007

Project Information

Project Description:
 MIT has chosen to form an industry consortium to provide additional funding for the development of Kerberos. The goal of the Consortium is to bring customers, vendors and application developers together to position Kerberos as the preferred technology for single sign on and identity management.

Scope:
 The project outlined here is to track the start up year of the Consortium, in which we determine whether the project is viable and raise initial funding.

Sponsors: Wilson D'Souza (IS&T)

Technical Lead: Sam Hartman

Initiation Date: 02/01/07
Scheduled End: 07/01/07
% Completed: 25%
DLC's Impacted: IS&T, and

Project Budget

Capital	\$000,000
Resources	\$ 174,400*
Total	\$

Actual Spend

Capital	\$000,000
Resources	\$
Actual Total	\$

Forecasted on budget: Yes/No

Next Steps & Upcoming Deliverables

- Next two weeks:**
- Finalize offer to Consultant
 - Follow up with potential members
- More than two weeks out:**
- Recruit members
 - Set up the organization
 - Plan first conference

Top Risks & Issues for the Project

Issue / Risk	Priority (1-3)	Risk
▪ Raise sufficient funding to make project viable	1	High
▪ Maintain Technical leadership	1	Low
▪ Meet Schedules for Software Deliverables	2	Low

Status Updates

- Developed consortium business proposal
- Presented within MIT and to potential consortium members
- Currently searching for a consultant to lead the business side of the consortium

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Hiring of Executive Director			75%	In Process
• Press Release			50%	In Process
• Funding from Financial Services Organizations			25%	In Process
• Funding from Vendors			25%	In Process
•			0%	On Hold
•			0%	On Hold
•			0%	On Hold
•			0%	On Hold
•			0%	On Hold

Core Team

IS&T

- Wilson D'Souza
- Sam Hartman
- Angie Milonas
- Holly Bickle

Thalia

1/8/07

Project Information	
Project Description: Enterprise quality image management.	
Scope: Hosted backend storing images and allowing for collaboration; rich client using OpenLaszlo/Ajax	
Sponsors: Wilson D'Souza (IS&T)	
Technical Lead : Catherine Iannuzzo	
Initiation Date:	11/1/06
Scheduled End:	6/30/07
% Completed:	25%
DLC's Impacted:	IS&T, SA+P, HST
Project Budget	
Capital	\$000,000
Resources	\$ 222,000
Total	\$
Actual Spend	
Capital	\$000,000
Resources	\$
Actual Total	\$
Forecasted on budget:	Yes/No

Next Steps & Upcoming Deliverables
<p>Next two weeks:</p> <ul style="list-style-type: none"> •New UI design work •Help SA+P w/metadata mapping <p>More than two weeks out:</p> <ul style="list-style-type: none"> • RESTify API • new UI • port to Alfresco • Spring-ify • testing

Top Risks & Issues for the Project			
Alfresco port, many unknowns	1	Med	
QA, need resources to develop plans & test	2	Med	
Sys Admin resources for config, operating service	2	Med	

Status Updates
<ul style="list-style-type: none"> • New dev server available, need to get set up • Found UI designer • Working on HW plan w/Ops • Bulk upload feature complete • Separating interfaces complete

Project Milestones & Deliverables				
Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• REST-ify, new objects, bulk UI	1/1/07	2/1/07	0%	Not yet
• HW setup for Alfresco, clustering	2/1/2007	2/22/07	10%	In Process
• Alfresco backend implemented, paging	2/1/07	3/29/07	0%	Not yet
• Spring-ify, WebAuth	3/29/07	4/26/07	0%	Not yet
• Shared multi-user service	4/26/07	5/17/07	0%	Not yet
• Code Freeze, to QA		3/31/07	0%	n/a
• GA		6/24/07	0%	

Core Team	
	<p>IS&T Qing Dong Robin Colodzin Catherine Iannuzzo</p>

Web SSO

1/8/07

Project Information	
Project Description: Web Single Signon for MIT applications.	
Scope: Allows MIT web apps to delegate authentication to a single signon web server.	
Sponsors: Wilson D'Souza (IS&T)	
Technical Lead: Catherine Iannuzzo	
Initiation Date:	7/1/06
Scheduled End:	6/30/07
% Completed:	50%
DLC's Impacted:	IS&T
Project Budget	
Capital	\$000,000
Resources	\$ 122,000.
Total	\$
Actual Spend	
Capital	\$000,000
Resources	\$
Actual Total	\$
Forecasted on budget:	Yes/No

Next Steps & Upcoming Deliverables
<p>Next two weeks:</p> <ul style="list-style-type: none"> •Investigate GuanXi •Write up Shibboleth results <p>More than two weeks out:</p> <ul style="list-style-type: none"> • scope level of new work • figure out development plan • find customers for new project

Top Risks & Issues for the Project			
Scope of project has completely changed	1		Hi
Shibboleth not fully baked, complex, hard to debug	1		Hi
Must rework schedule based on change of course, no development plan possible yet	1		Hi

Status Updates
<ul style="list-style-type: none"> • Issues raised by OIS about technology choices, ISDA pursuing evaluation of alternatives suggested by OIS • Test installation of Shibboleth more or less working • Shibboleth v1 not "fully baked," plan to document and present issues for further discussion

Project Milestones & Deliverables				
Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
•TBD, pending new development plan				

Core Team
<p>IS&T Bob Basch Catherine Iannuzzo</p>

Minerva

1/8/07

Project Information

Project Description:
Research into post-Athena computing services..

Scope:
Prototype key elements of future computing at MIT: virtual computing services, universal rich file system

Sponsors: Wilson D'Souza (IS&T)

Technical Lead: Catherine Iannuzzo

Initiation Date: 11/1/06
 Scheduled End: 6/30/07
 % Completed: 25%
 DLC's Impacted: IS&T, SA+P, HST

Project Budget

Capital	\$000,000
Resources	\$ 0,000.00
Total	\$

Actual Spend

Capital	\$000,000
Resources	\$
Actual Total	\$

Forecasted on budget: Yes/No

Next Steps & Upcoming Deliverables

Next two weeks:

- Install machines
- Install Alfresco repository cluster

More than two weeks out:

- Plan virtualization tests
- Plan file system tests
- Plan WEBdav to AFS

Top Risks & Issues for the Project

TBD

Status Updates

- Hardware purchased & delivered
- Waiting on installation in Co-Lo
- Draft report on existing virtualization servers on Wiki
- Student employee identified for webDav work

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
•TBD				

Core Team

IS&T
 Greg Hudson
 Andrew Boardman
 Bob Basch
 Joe Presby

MITBI Prototype

01/08/07

Project Information

Project Description:
 To demonstrate whether or not the implementation of the Hyperion Essbase multidimensional database, Analyzer, and Spreadsheet Services will provide DLC's with the capability of building financial reports that go beyond reporting actuals, commitments, and budgets (that exist in the MIT Data Warehouse).

Scope:
 Use local and Institute data to build and store departmental scenarios to support reporting, people forecasting by day for CSAIL, BROAD Institute, and the Media Lab, and modelling what if scenarios.

Sponsors: Diane MacDonald(Broad); Karen Shirer(CSAIL); Wilson D'Souza (IS&T)

Business Project Manager: Kathleen Chanthaboun

Technical Lead: Mary Weisse

Initiation Date: 11/14/3006
Scheduled End: 1/31/2007 (estimated)
% Completed:
DLC's Impacted: CSAIL BROAD Institute , Media Lab, ASO, Sloan, CAO, Office of Finance, and IS&T

Project Budget

Capital	\$370,000
Resources	\$ 65,000 (Consulting)
Total	\$

Actual Spend

Capital	\$370,000
Resources	\$

Next Steps & Upcoming Deliverables

- Next two weeks:**
- Finalize resources (assign actual resource to task)
 - Analyze requirements & design cubes
- More than two weeks out:**
- Create extracts of required data (local, DW, Other)
 - Load data into cubes
 - Build Calculation Scripts
 - Build Reports (Analyzer & Spreadsheet Services)
 - Build Dashboards
 - Add roles based security to cubes
 - Testing (MIT Infrastructure Integration, System, Acceptance)
 - Test Kerberos Authentication
 - Training

Top Risks & Issues for the Project

- Signed Contract between MIT & Ranzal
 Scope
 Pricing – To be negotiated
- Hiring a person with Hyperion skills.
- Drafting a clear and well defined scope by which to measure this project.
- Identifying a Cost Center to transfer funds for consulting services.

Status Updates

- Pre-design sessions held with CSAIL, BROAD Institute, Media Lab, ASO, SLOAN, CAO, and IS&T
- Pre-design Project Review with sponsors scheduled for 11/6/2006.
- Server Ops – Server up and running. All software installed and ready for use.
- CD's with client software delivered to team.
- Negotiating rate with Ranzal in process.

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Create installation notes and CD's for project participants	10/30/2006	11/02/2006	100%	Complete
• Gather requirements from Broad, CSAIL, Media Lab, ASO, Sloan, IS&T	10/23/2006	11/03/2006	100%	Complete
• Identify and schedule project resources	11/06/2006	11/10/2006	50%	In Process
• Create a well defined scope document to present to Ranzal	10/30/2006	11/10/2006	75%	In Process
• Cube Analysis & Design	11/14/2006	11/15/2006	0%	On Hold
• Data extraction and loading	11/20/2006	12/29/2006	0%	On Hold
• Testing	1/02/2007	1/12/2007	0%	On Hold
• Training Preparation	1/15/2007	1/19/2007	0%	On Hold
• Rollout Training	1/22/2007	1/26/2007	0%	On Hold
• Evaluate system & make enterprise recommendations	2/01/2007	2/04/2007	0%	On Hold

Core Team

ASO Richard Lay Amanada Tat	IS&T Huey Chan Mary Weisse Elena Zhitnikov TBH
BROAD Institute Kathleen Chanthaboun Nancy DiNicolo	Media Lab Valerie Chin Ken Goldsmith
CAO Gillian Emmons Magdalene Lee	Sloan School of Mgmt Ellen Baum Glenn Johnston
CSAIL Cynthia Shen Karen Shirer Justin Wade	

Hyperion Intelligence (Brio)

01/08/2007

Project Information

Project Description:
 This project will make Hyperion Intelligence (BrioQuery version 8) available to the user community via the web. PC/Windows users will have full functionality. Mac users will use a thin client (html). The goal of this project to give Mac users an alternative to CITRIX and eliminate installation of BrioQuery and the Oracle Core Client on end-user desktops where possible.

Scope:
 Install and test Hyperion Intelligence (version 8.0) web and Desktop (pc only, Mac via Citrix). The rollout of this project will be phased in with central departments and key users testing first; patches, fixes, etc. following where necessary; and a phased roll-out to community.

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Mary Weisse
Technical Project Manager: Maija Ahlquist

Initiation Date: 9/4/2006
Scheduled End: 6/1/2007
% Completed:
DLC's Impacted: All

Project Budget

Capital	\$
Resources	\$
Total	\$

Actual Spend

Capital	\$
Resources	\$
Actual Total	\$

Next Steps & Upcoming Deliverables

Next two weeks:

- Continue Central & Key DLC (End-User) Testing
- Gather and analyze testing data

More than two weeks out:

- Gather feedback from Testing Team
- Install patches, fixes, and enhancements
- Test base product, patches, fixes, and enhancements
- Modify dashboards and queries where necessary
- Develop quick starts
- Demo and provide Help Desk training
- Continue phased roll-out
- General announcement to Community including:
 - new desktop version for PC users
 - new CITRIX server version

Top Risks & Issues for the Project

- Installation of patches, fixes, and enhancements
- New desktop installer
 - including patches, fixes, and enhancements
 - upgrade version on Citrix Server
- Training for web client
 - will be different for Mac and PC.

Status Updates

- Gathering feedback from Testing Team
- Researching problems
 - dashboard functionality in html version
 - .oce compatibility
 - reduce time for pc plug-in to install

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Setup web environment (installation& Testing)	9/04/2006	9/29/2006	100%	Complete
• Converted query templates	10/02/2006	12/22/2006	100%	Complete
• Phased rollout – Testing Team	12/26/2006	2/02/2007	50%	In Process
• Gather feedback	2/05/2007	2/09/2006	10%	In Process
• Install patches, fixes, and enhancements	2/05/2007	2/16/2006	0%	On Hold
• Analyze feedback, make required changes to templates as necessary	2/12/2007	3/02/2007	0%	On Hold
• Training preparation	2/12/2007	3/02/2007	0%	On Hold
• Rollout training (Help Desk first followed by Community)			0%	On Hold
• Build desktop installer	11/12/2006	3/02/2007	0%	In Process
• Test desktop installer & CITRIX	3/05/2007	3/16/2007	0%	On Hold
• Continue phased rollout to community	3/19/2006	6/1/2007	0%	On Hold
• General community announcement	6/1/2007	6/1/2007	0%	On Hold

Core Team

CAO Gillian Emmons Magdaline Lee	IS&T DW Team Atticus Gifford Alison Bell Dan Logcher Bronwen Heuer Mark Silis
HR Barbara Gilligan Rayna Lateva-Demirev Judy Raymond Kathleen Flynn Robin Carelton	Facilities Lisa St. Croix
Office of the Provost Jean Dzengeleski	
Institute for Soldier Nanotechnologies Josh Freedman	

MIT Card Office data into MIT Data Warehouse

Project Information

Project Description: The MIT Card office is a system of record for various data elements that are useful to a variety of business units on campus. This data should be added to the data warehouse and some related systems should be updated to take advantage of this opportunity.

Scope: The Card Office performs identity proofing when issuing an MIT ID card. Knowing who has been issued an MIT Card and being able to relate that to their Kerberos ID is likely to be valuable as the federal e-auth initiatives move forward.

Sponsors: Wilson D'Souza (IS&T), John McDonald (DSL, Enterprise Services)

Business Project Manager: Paul Hill

Technical Lead: TBD

Initiation Date: 01/15/2007

Scheduled End: TBD (estimated)

% Completed:

DLC's Impacted: Account sponsors, guest account.

Project Budget

Capital	\$
Resources	\$
Total	\$

Actual Spend

Capital	\$
Resources	\$
Actual Total	\$

Next Steps & Upcoming Deliverables

Next two weeks:

- Discuss scope with major stakeholders
- Analyze initial requirements
-

More than two weeks out:

- Determine core team members
- Determine major milestones
- Determine resources required
- Determine how we advertise this change
- Determine how we make this change visible to future hires
- Testing (MIT Infrastructure Integration, System, Acceptance)
- Training

Top Risks & Issues for the Project

- Scope - Drafting a clear and well defined scope by which to measure this project.
- Resources – identify people and funding
- Determine Requirements for calendar year 2007
- Determine Milestones for calendar year 2007

Status Updates

- Pre-design Project Review with sponsor scheduled for TDB.
-

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Create scope statement	12/11/2006	02/16/2007	0%	In Progress
• Gather requirements from stakeholders	02/09/2007	03/27/2007	0%	On Hold
• Identify major milestones			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold

Core Team

IS&T Paul Hill Garry Zacheiss TDB-Athena Accounts	Card Office
Libraries TBD	OSP
Registrar TBD (which units care about photos?)	

Future Hire account registration

Project Information

Project Description:
 In an effort to improve the account provisioning process for new employees, we desire to provide new hires the ability to register for a Kerberos ID and establish an account prior to their official start date.

Scope: New hires should be able to register for a Kerberos ID and have their account provisioned once they have entered the HR system as a future hire. They should be able to be given a URL that will take them through the registration process and also see what services they will be provisioned for and what they may do with a new account.

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: TBD
Technical Lead: Mary Weisse

Initiation Date: 01/15/2007
Scheduled End: TBD (estimated)
% Completed:
DLC's Impacted: HR and all others

Project Budget

Capital	\$
Resources	\$
Total	\$

Actual Spend

Capital	\$
Resources	\$
Actual Total	\$

Next Steps & Upcoming Deliverables

Next two weeks:

- Finalize scope
- Analyze initial requirements
-

More than two weeks out:

- Determine core team members
- Determine major milestones
- Determine resources required
- Determine how we advertise this change
- Determine how we make this change visible to future hires
- Testing (MIT Infrastructure Integration, System, Acceptance)
- Training

Top Risks & Issues for the Project

- Scope - Drafting a clear and well defined scope by which to measure this project.
- Resources – identify people and funding
- Requirements
- Milestones

Status Updates

- Pre-design Project Review with sponsor scheduled for 01/19/2007.
-

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Create scope statement	12/11/2006	02/15/2007	0%	In Progress
• Gather requirements from HR, IS&T, tbd	01/15/2007	02/26/2007	0%	On Hold
• Identify major milestones			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold

Core Team

IS&T
 Mary Weisse
 TBD
 Paul Hill

HR
 TBD

MIT Guest Accounts

Project Information

Project Description:
 Evolve the MIT Guest accounts to better serve the MIT community and improve our ability to distinguish between guest account holders and core members of the MIT community when making authorization decisions.

Scope: Improve our ability to track and manage guest accounts.

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Paul Hill
Technical Lead: TBD

Initiation Date: 01/15/2007
Scheduled End: TBD (estimated)
% Completed:
DLC's Impacted: Account sponsors, guest account holders, and DLCs that need to distinguish between guests and core member of the community.

Project Budget

Capital	\$
Resources	\$
Total	\$

Actual Spend

Capital	\$
Resources	\$
Actual Total	\$

Next Steps & Upcoming Deliverables

Next two weeks:

- Discuss ownership of the service (with ISDA and OIS)
- Analyze initial requirements
-

More than two weeks out:

- Determine core team members
- Determine major milestones
- Determine resources required
- Determine how we advertise this change
- Determine how we make this change visible to future hires
- Testing (MIT Infrastructure Integration, System, Acceptance)
- Training

Top Risks & Issues for the Project

- Scope - Drafting a clear and well defined scope by which to measure this project.
- Resources – identify people and funding
- Determine Requirements for calendar year 2007
- Determine Milestones for calendar year 2007

Status Updates

- Pre-design Project Review with sponsor scheduled for TDB.
-

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Create scope statement	12/11/2006	02/09/2007	0%	In Progress
• Gather requirements from stakeholders	02/09/2007	03/27/2007	0%	On Hold
• Identify major milestones			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold

Core Team

IS&T Paul Hill Garry Zacheiss TDB-Athena Accounts TDB-OIS	Card Office
Libraries TBD	

MIT ID Service

Project Information

Project Description:
 Evolve the MIT ID service to better serve the MIT community

Scope: Establish clear responsibilities for the service and initiate specific sub-projects or tasks which will improve the overall quality of the data and make it easier for DLCs to use the service and related data.

Sponsors: Wilson D'Souza (IS&T)
Business Project Manager: Mary Weisse
Technical Lead: TBD

Initiation Date: 01/15/2007
Scheduled End: TBD (estimated)
% Completed:
DLC's Impacted: All DLCs that use the MIT ID number

Project Budget

Capital	\$
Resources	\$
Total	\$

Actual Spend

Capital	\$
Resources	\$
Actual Total	\$

Next Steps & Upcoming Deliverables

- Next two weeks:**
- Discuss ownership of the service (with ISDA and OIS)
 - Analyze initial requirements
 -
- More than two weeks out:**
- Determine core team members
 - Determine major milestones
 - Determine resources required
 - Determine how we advertise this change
 - Determine how we make this change visible to future hires
 - Testing (MIT Infrastructure Integration, System, Acceptance)
 - Training

Top Risks & Issues for the Project

- Scope - Drafting a clear and well defined scope by which to measure this project.
- Resources – identify people and funding
- Determine Requirements for calendar year 2007
- Determine Milestones for calendar year 2007

Status Updates

- Pre-design Project Review with sponsor scheduled for 01/19/2007.
-

Project Milestones & Deliverables

Milestone	Scheduled Start Date	Scheduled End Date	% Complete	Status
• Create scope statement	01/16/2007	02/09/2007	0%	In Progress
• Gather requirements from stakeholders	02/09/2007	03/27/2007	0%	On Hold
• Identify major milestones			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold
			0%	On Hold

Core Team

IS&T	Card Office
Mary Weisse	
TBD	
Paul Hill	
TDB-Athena Account	
TBD-OIS	
HR	Admissions
TBD	
Althetics	

Questions

Questions? Comments?