Project Closeout Report

Project Name: Program Reporting System (PRS)

Agency: Department of Health (DoH)

Business Unit/Program Area: Chronic Disease

Project Sponsor: Lonny Mertz

Project Manager: Brandi Fagerland

Objectives		
	Measurements	
Project Objectives	Met/ Not Met	Description
Enable automated testing of the applications code to 60-65% coverage.	Met	At project closeout, Nexus will provide the DoH with a report that describes the attained level of coverage. The report will be reviewed by DoH at project closeout to ensure 60-65% coverage. **Measurement Results:** Nexus provided an automated testing coverage report that was stored in the project repository. The report indicates that there is 63.96% Symbol coverage, 60.13% Branch coverage, and 63.86% Method coverage.
The PRS application is currently written in Visual Basic. The objective of this project is to rewrite the application in .NET and C#. This will better enable future additions or modifications to the application and, therefore, allow the use of the application to expand.	Met	A review of the planned architecture will be conducted with ITD for verification and validation. ITD will be asked to provide an assessment after the review. **Measurement Results:** An architecture review was conducted on 3/9/2011. ITD gave the go ahead to move forward with the project.
Give the application users the ability to delete application objects (i.e., programs, grants, budgets, reimbursements, and progress reports).	Met	During user acceptance testing (UAT), the DoH will validate that this functionality has been provided and is functioning as expected. UAT will not be signed off until the functionality is verified. **Measurement Results:** During UAT, DoH validated that this functionality was provided. Lonny Mertz, UAT tester, sent an email to the project team on 7/12/2011 indicating this objective was met.
Enhancement of application security. Contractor security will not change, however, DoH internal security will be enhanced to provide program level security as well as read-only, add, edit and delete specific security.	Met	During user acceptance testing (UAT), the DoH will validate that this functionality has been provided and is functioning as expected. UAT will not be signed off until the functionality is verified. **Measurement Results:** During UAT, DoH validated that this functionality was provided. Lonny Mertz, UAT tester, sent an email to the project team on 7/12/2011 indicating this objective was met.

Schedule Objectives					
Met/ Not Met	Original Baseline Schedule (in Months)	Final Baseline Schedule (in Months)	Actual Schedule (in Months)	Variance to Original Baseline	Variance to Final Baseline
Met	4 months	4 months	4 months	0%	0%

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		Budget Objectives			
Met/ Not Met	Original Baseline Budget	Final Baseline Budget	Actual Costs	Variance to Original Baseline	Variance to Final Baseline
Met	$289,100.00	$297,100.00	$293,367.50	1% Over	1% Under

Major Scope Changes

$8,000 was added to the project budget in order for the vendor to update the help system to match the application changes made. This item had originally been identified as an optional scope item during planning. During execution of the project, it was determined that the DoH wanted Nexus Innovations to update the help system so the optional scope item was added to the scope of the project. It was determined that the project end date was not impacted by the inclusion of the optional scope item.

Lessons Learned

- Nexus and ITD technical staff will meet to discuss coordination of application deployments into ITD's environments. There were some issues with timeliness and communication during the project. User acceptance testing was put on hold for four days at one point because of waiting on the environment.

Success Stories

- The delete feature that was added to the Program Reporting System has been of great value to end users.
- The additional security has helped end users streamline the support process. Not as much IT support is needed for the application.
- Having multiple releases helped streamline testing by comparison to the "big bang" testing approach that happened with the first PRS project.
- Having ITD PMO provide project management support helped DoH with coordination of efforts. It was challenging for DoH to fill this role in the first PRS project.
- Weekly project status meetings were valuable.
- Daily project status meetings were used in the last two weeks of the project. This enabled quicker turnaround of outstanding issues.
- It was helpful that Nexus already had PRS business knowledge. Conveying and understanding requirements went very smoothly as a result.