

Project Closeout Report

Project Name: DPI and ESPB Mainframe Application Replacement phase 2

Agency: Department of Public Instruction

Business Unit/Program Area: Education Standards and Practices Board

Project Sponsor: Steve Snow and Bonnie Miller

Project Manager: Val Brostrom

Objectives		
Project Objectives	Measurements	
	Met/ Not Met	Description
A teacher licensure, credentialing and endorsement system that is online	Met	<ul style="list-style-type: none"> The mainframe environment is no longer utilized Correspondence will be nearly eliminated for applications and renewals through the validation process Thorough validations reduce the application errors and completeness by 50%. Completed Licensure renewals, endorsements, and credentials will be processed within 2 business days.
LEA's and School may update Licensed and Non-Licensed Personnel data collection, changes and fixes entirely online year round.	Expect to be met when fall enrollment occurs	<ul style="list-style-type: none"> Districts will be able to report changes online and avoid mailing in the changes resulting in a 50% reduction in mailings. Districts will receive an immediate validation of education personnel online. <ul style="list-style-type: none"> Teacher licensure Paraprofessional Courses associated with a teachers licensure or credentials/endorsements
Improve internal reporting functionality	Met	<ul style="list-style-type: none"> Capability to generate ad hoc reports Ability to generate reports in real time
Cost Savings	Met	<ul style="list-style-type: none"> Joint migration will eliminate development costs associated with interfaces to the mainframe data

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
Not met	20	26	40	100% Behind	54% Behind

Budget Objectives					
Met/ Not Met	Original Baseline Budget	Final Baseline Budget	Actual Costs	Variance to Original Baseline	Variance to Final Baseline
Not Met	\$665,400	\$867,000	\$1,205,474	81% Over	39% Over

Major Scope Changes
<p>ESPB added the Praxis I and II scores to the application</p> <p>ESPB added fields to enter data received from the BCI and FBI as the result of background checks</p> <p>DPI made changes to the approval/accreditation tables as a result of 2009 legislative changes</p>

Lessons Learned
<ul style="list-style-type: none"> Staff changes over the course of the project did impact the project due to the timeframe. Should have broken the project down in to small sections

Project Closeout Report

- Should have done the work as separate projects at separate times and then merge them at a later time
 - The terminology between the 2 agencies confused the developers
 - There was confusion about what requirements were included because there was analysis done before the project started.
 - Communication gap between all sides. Sometimes the analyst that met with the business side didn't always relay information correctly. It was suggested that the business teams meet directly with the developer doing the programming. This would have saved some time.
 - Terminology was a problem between the two business units and the analysts/programmers.
 - After the initial analysis there wasn't much communication from Nexus during the design process. As a result, they had to redo work because questions weren't asked.
 - In the end ESPB held daily morning meetings to get through the final push
 - Nexus opening a Fargo branch had an impact on the project as resources weren't available.
 - The project probably should have been put out for RFP to get more accurate costs and timeframe.
- Suggested developing on separate code bases to prevent interactions between a few programs

Success Stories

- Users like that the application process is online, user friendly, and that they can apply anytime
 - The e-mail communication is liked by users
 - The shared data between DPI and ESPB is now real-time
- The data was moved from the mainframe environment to a SQL environment making the inclusion of this data into the projected SLDS system easier