

Getting Information to Those That Need It

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- ■ University of Minnesota



Agenda

- UMN Blue Facts and Figures
- Information Request Scenarios and Solutions
- Dynamic Report Access Fields
- Questions



What is the Univ. of MN?

- Multi-campus Land and Sea Grant public research university
- Undergraduate, graduate and professional studies (~68,000 students)
- Founded 1851 (Minnesota became a state in 1858)
- Twin Cities, Duluth, Morris, Crookston, Rochester campuses



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+55 locations!

This IS the
Univ. of
Minnesota
2017-2018



+ 1,400 online
sections



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Scenario 1

- Integrate results from eXplorance Blue into online faculty portfolio.



Solution 1

- Extract summary data from Blue to Dell Boomi
- Digital Measures Activity Insight queries Dell Boomi
- Extra Take Away: Availability in Dell Boomi for additional reporting—Colleges already consuming data files exported from Blue. This solution provides for on demand, up to date reporting.



Scenario 2

- Campus with unionized faculty; rules in place governing individual faculty oversight of the data collection of student feedback and of subsequent reporting to supervisors.



Solution 2

- See the March 25, 2016 Learning Webinar.
(~ 29:30 for note on reporting)
- Looking at challenges from multi-project and quotas for selection.



Scenario 3

- Customized items required to meet program accreditation.



Solution 3

- Blue Question Bank and hierarchy mapping at the course level.



Scenario 4

For our year-long capstone experience, students are **assigned to an advisor** who works with them over the course of the year (sometimes just a semester). We'd like to be able to **provide this faculty member with** some qualitative and quantitative **feedback** about their advising, but **not using the standard form**—since the capstone advising process is unique. We also need to be able to provide the feedback in a way that the **faculty advisor can only see the feedback from their advisee.**



Scenario 4 (con't)

At the moment, here's what we're thinking we'd like to be able to do:

- **Create a separate capstone advising feedback form**, unique for this particular situation, that can be delivered by Explorance Blue and connected to our Capstone Reflection (CLI 4713) course
- **Add the various advisors as instructors to the Canvas** course for CLI 4713 (rather than in CCS)
- Set things up so that students **evaluate their instructor** for CLI 4713 (using the normal eval form) **and provide feedback to their advisor** (using the new special form)
- **Advisors would then be able to see** the results of their capstone advising feedback in Explorance Blue (**presumably in a separate section**, not included with their normal SRT evaluations)



Solution 4

- Relational Course/Instructor Datasource and (maybe) Course/Student Datasource (populate both with advisor and filter/trigger for the match to show appropriate advisor for student).
- Trigger items based on instructor role from question bank store.
- Report based on results available.



Solution 4

University of MN Aggregation Site

Supervisors Disciplines Blue E-mail ▾

Users ▾

Supervisors ▾

Disciplines ▾

Blue E-mail ▾

Terms

Files ▾

Dan Glover

Home

Blue Course Evaluations Aggregation Integration

About

This application provides an interface to upload CSV files into the an integration database for eventual consumption by the Explorance Blue application. CSV files are uploaded into tables which are combined with other PeopleSoft data and exposed to Explorance through several views.

Usage

The "Supervisors," "Disciplines," and "Blue E-mail" menus above each have the following options:

- Upload - Provides directions and an interface for uploading a CSV file.
- Log - View a list of previously uploaded files.
- Download - Clicking on this button immediately downloads a file with the latest data in the selected table.

The "Terms" menu exposes the list of PeopleSoft terms that the integration evaluation application is aware of. Privileged users may modify data.



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Solution 4

Course (Subject)	Person (Secondary Subj)	Relationship	Other "This Term" info
AAAAAAAAA	1234567	INSTR	
EEEEEEEE	1234567	TA	
BBBBBBBB	2345678		
BBBBBBBB	8765432	SUPPORT	
CCCCCCCC	3456789		
DDDDDDDD	4567890	MS Coord	



Solution 4 “This Term” Info

- Course/Instructor Datasource
 - Instructional role (instructor / TA / course director)
 - Tenured/Tenure Track
 - Job code at whatever level reporting is going to occur
 - Anything else you may want to compare across time
- Course/Supervisor Datasource
 - Supervision level, use when reporting will not change (report does not move even when person is no longer actively supervising course).



Solution 4

- This solution of using our Aggregation site (or other tables to populate Blues primary blocks) will work for listed employees. This will not work for cases in our Medical School where instructors are not actually university employees, but employees of the hospital/clinic. We are looking at Data Integrity Gateway for these cases.



Solution 4 (alternative)

- May have a pedagogical reason for splitting into separate forms. Separate challenge in pulling source of truth from Canvas rather than PeopleSoft.
- Canvas integration for a course/instructor and course/student data feed would open up Blue as a solution for some additional non-academic issues for which Canvas is being utilized to manage enrollment.



Scenario 5

- Instructors teaching outside unit where tenure is held. How do we make sure unit will pass on all results when it comes time for review?



Solution 5

- With Dynamic Report Access in Blue 7 report access is much easier than previously. By assigning the unit and college hierarchy for **both** the **course** (subject) **and instructor's** (secondary subject) **current unit** to the same report via Dynamic Report Access, all appropriate people can get access with out needing to run a duplicate.



Scenario 6

- Reporting to all units for cross listed courses.



Solution 6

- Use extension blocks (if you do not already have multiple columns for all units) to list all units and make each available to Dynamic Report Access.



Solution 6

- Crosslisted Courses Extension Block

ClassXList	XDept1	XDept2	XDept3	XDept4	XDept5
UMNTC11730018144	11098				
UMNTC11730018145	10744	11207			
UMNTC11730018146	10762	10806	11162	11207	11271

- Similar set of columns for colleges
- Do not necessarily want to remove the first column—no reference to “10744” for “11207” entry for second report.



Dynamic Report Access (Course Fields to Consider)

- Unique Course Instance Identifier
- Course Identifier (unique to course-lecture/lab/recitation/etc. across all terms)
- Subject Code (PHYS, CHEM, ENGL, etc.)
- Department Code
- College Code

- NOTE: May need to create new combinations of dept/courseID and dept/subject if these are not strictly unique for supervision in the institution. (PHYS is used by multiple campuses, ENGL by units.)



Dynamic Report Access (Instructor Fields to Consider)

- Department Code
- College Code
- Demographics for multi project comparison



Dynamic Report Access (Fields to Consider Using)

- You can always use extension blocks to add fields.



Summary

- Export Data from Blue make available to central reporting tools
- Delegation of Report Viewing
- Question Bank for management of complex item scenarios
- Multiple units supervision of course
- Dynamic Report Access Fields



Questions?



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Thank you!

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