

Request 29 1726838336 –Maxient Data Feed Update

Updated 6/05/2017

Requestor Contact Info

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Executive Summary

Director Steve Ashmore and Jessica Thibodeaux from Student Conduct have asked me for assistance in updating the data that feeds into their conduct management software, Maxient. They have requested to include 2 new types of data into the feed – A: Student class schedules; and B: Greek chapter membership rosters.

The request for student class schedules was approved and some work completed in 2013-2015, but stopped just shy of implementation. ****OCRC Request 785.1 was approved and completed in 9/2014, however testing had not been completed and it was later determined that the destination system was not capable of handling the student schedule data feed. This has been remedied and Maxient has provided the technical specifications for how student schedules will need to be formatted.**

Background for Greek chapter membership rosters -- Due to recent events there is an urgent need by campus leadership for data documenting the conduct of Greek community students. Currently, there are only two places to find this information, OrgSync and Excel spreadsheets maintained by the Student Life leadership. There is no easy way to collect the rosters and combine with the Maxient conduct data. The chapters themselves are not required to produce any roster to Student Conduct, but do provide them to Student Life. ****Currently, users are able to edit their Greek affiliation field in OrgSync which is not regarded as official data. Student Life manages these rosters with a series of Excel files maintained on their network share. Data Services is currently working with the contacts in Student Life to determine a method for delivery that can be maintained.**

The need to have this data feed into Maxient is becoming increasingly important for Steve's work in Student Conduct. To be able to track and document issues with students in the Greek organizations is an essential part of the outreach currently being developed by Steve and his team. With the end goal of providing Clarke Stroud, VP Student Affairs, and President Boren concise analysis and clear recommendations for future actions.

User Stories

- As the director of Student Conduct, I want to be able to analyze student conduct performance in relation to Fraternity and Sorority involvement.
- Using these findings, Student Conduct can develop an outreach for the Greek community and prepare recommendations for the VP of Student Affairs and President Boren.

Sample Application

Student Schedules and Greek Community Membership information would be presented through Maxient, which is currently updated nightly from a flat file.

1. Student Conduct Staff logs into Maxient.
2. Student Conduct Records can be searched individually.
3. New data can be used to pull reports to compare trends to class scheduling and Greek Community affiliation.

Delivery and Timeline

- **Delivery Method:** This data will be delivered through two separate methods in addition to the existing data feed (OCRC 785). One separate Flat File will be uploaded nightly for course schedules. Data Services is currently working on the method to deliver the Greek Affiliation data.
- **Timeline:** To meet initial timelines for this implementation, the timeline is complete integration and UAT before the beginning of Fall semester.
- **Project Execution:** This project will be executed by OU IT's Project Management Office.

Data Validation Checklist

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Category 1: Scheduling

- Method: Email
- Time stamp: 4/27/2017, 5/30/2017
- Attendees/participants: Marcus Glenn, Breck Turkington, Chris Kennedy, Aaron Biggs, JP Morgan
- Data Spec presented: v1.0
- Validation Decision: Package was validated and data approved for use cases defined in exec summary, with understanding that there may be modification to the specific fields for each course once actually in execution in order to get a legible output of the scheduling information.

Category 2: Student Life (Greek Affiliation)

- Method: Meeting
- Time stamp: 4/11/2017
- Attendees/participants: Carmen Bao, Quy Nguyen, Matt Wesley
- Data Spec presented: v1.0
- Session Notes: Greek Rosters exist in OrgSync, but students can remove themselves from an organization even if they are still on the official roster. Discovery is that there are 5 excel files hosted on a network share that are maintained by Student Life. Any changes to the formatting will break the integration, so integration is fragile and needs to be revised to minimize issues.
- Validation Decision: Package was validated and data approved for use cases defined in exec summary

Data Specification

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v1.0 - Updated: 4/27/2017

Category	Attribute Name	Source (SOR)	Read/Write	Description	Notes	Validated By	Approved By
Student Life (Greek Affiliation)	Current HPHC Master Roster.xlsx	Current HPHC Master Roster.xlsx	Read	Greek membership affiliation	Org Name/Not Greek/NA if not being provided	Carmen Bao 4/11/2017	Quy Nguyen 4/11/2017
Student Life (Greek Affiliation)	IGC Members.xlsx	IGC Members.xlsx	Read	Greek membership affiliation	Org Name/Not Greek/NA if not being provided		
Student Life (Greek Affiliation)	MGC Roster.xlsx	MGC Roster.xlsx	Read	Greek membership affiliation	Org Name/Not Greek/NA if not being provided		
Student Life (Greek Affiliation)	New IFC Roster.xlsx	New IFC Roster.xlsx	Read	Greek membership affiliation	Org Name/Not Greek/NA if not being provided		
Student Life (Greek Affiliation)	New Panhellenic Roster.xlsx	New Panhellenic Roster.xlsx	Read	Greek membership affiliation	Org Name/Not Greek/NA if not being provided		
Enrollment and Scheduling	SOONER_ID	ODS	Read				
Enrollment and Scheduling	TERM_CODE	ODS	Read				
Enrollment and Scheduling	TERM_DESC	ODS	Read				
Enrollment and Scheduling	COURSE_REFERENCE_NUMBER	ODS	Read				
Enrollment and Scheduling	SUBJECT_CODE	ODS	Read				
Enrollment and Scheduling	COURSE_NUMBER	ODS	Read				
Enrollment and Scheduling	SECTION_NUMBER	ODS	Read				
Enrollment and Scheduling	SECTION_TITLE	ODS	Read				
Enrollment and Scheduling	CREDIT_HOURS	ODS	Read				
Enrollment and Scheduling	CAMPUS_DESC	ODS	Read				
Enrollment and Scheduling	SCHEDULE_DESC	ODS	Read				
Enrollment and Scheduling	INSTRUCTION_METHOD_DESC	ODS	Read				
Enrollment and Scheduling	COURSE_DESC	ODS	Read				
Enrollment and Scheduling	SECTION_DESC	ODS	Read				
Enrollment and Scheduling	COLLEGE_DESC	ODS	Read				
Enrollment and Scheduling	DEPARTMENT_DESC	ODS	Read				
Enrollment and Scheduling	INSTRUCTOR_PRIMARY_FIRST_NAME	ODS	Read				
Enrollment and Scheduling	INSTRUCTOR_PRIMARY_LAST_NAME	ODS	Read				
Enrollment and Scheduling	BUILDING_NAME_DESCRIPTION	ODS	Read				
Enrollment and Scheduling	MEETING1_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING1_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING1_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING1_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING1_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING1_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING1_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING1_DAYS	ODS	Read				
Enrollment and Scheduling	MEETING2_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING2_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING2_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING2_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING2_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING2_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING2_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING2_DAYS	ODS	Read				

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v1.0 - Updated: 4/27/2017

Category	Attribute Name	Source (SOR)	Read/Write	Description	Notes	Validated By	Approved By
Enrollment and Scheduling	MEETING3_START_DATE	ODS	Read			Chris Kennedy 6/2/2017	Chris Kennedy 6/2/2017
Enrollment and Scheduling	MEETING3_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING3_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING3_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING3_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING3_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING3_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING3_DAYS	ODS	Read				
Enrollment and Scheduling	MEETING4_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING4_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING4_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING4_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING4_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING4_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING4_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING4_DAYS	ODS	Read				
Enrollment and Scheduling	MEETINGS5_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETINGS5_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETINGS5_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETINGS5END_TIME	ODS	Read				
Enrollment and Scheduling	MEETINGS5_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETINGS5_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETINGS5_ROOM	ODS	Read				
Enrollment and Scheduling	MEETINGS5_DAYS	ODS	Read				
Enrollment and Scheduling	MEETING6_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING6_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING6_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING6_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING6_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING6_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING6_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING6_DAYS	ODS	Read				
Enrollment and Scheduling	MEETING7_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING7_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING7_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING7_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING7_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING7_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING7_ROOM	ODS	Read				

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Category	Attribute Name	Source (SOR)	Read/Write	Description	Notes	Validated By	Approved By
Enrollment and Scheduling	MEETING7_DAYS	ODS	Read				
Enrollment and Scheduling	MEETING8_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING8_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING8_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING8_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING8_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING8_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING8_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING8_DAYS	ODS	Read				
Enrollment and Scheduling	MEETING9_START_DATE	ODS	Read				
Enrollment and Scheduling	MEETING9_END_DATE	ODS	Read				
Enrollment and Scheduling	MEETING9_START_TIME	ODS	Read				
Enrollment and Scheduling	MEETING9_END_TIME	ODS	Read				
Enrollment and Scheduling	MEETING9_BUILDING_CODE	ODS	Read				
Enrollment and Scheduling	MEETING9_BUILDING_DESC	ODS	Read				
Enrollment and Scheduling	MEETING9_ROOM	ODS	Read				
Enrollment and Scheduling	MEETING9_DAYS	ODS	Read				