

Executive Summary

Request 3.1 – Append Data Feed for OU Innovate
(Per Student Data Profile) – 6/21/16 DGCC Submission

Updated 1/5/2017

Requestor:

Erin Wolfe (ewolfe@ou.edu)

Executive Summary

Append current data feed for OU Innovate to include Parking Permit type and building name included in the existing feed.

User Stories

- As a student, I want to provide information about myself such as address, contacts, etc. to the University once so that I can more easily register for events, apply for programs and access services.
- As Student Affairs or other office involved in responding to emergencies, I would like easy access to accurate student contact information, so that I might easily and quickly track down a student, their emergency contact or other important contacts.
- As a student, I want to know everything that might prevent me from enrolling in the next semester, so that I can resolve them as early as possible and not miss enrolling in courses.
- As an office offering specialized student services such as disability resource center, veterans support alliance, career services, I would like to streamline service registration so that students can easily engage as early as possible.

Sample Application

- Any system of record for student data or any system which may consume and/or expose student data, such as Banner student system, Camp Crimson application, data modeling applications, etc.
- Basic Example Flow:
 1. Admitted student logs into OUBound application
 2. Master Form presents any data already provided during recruitment and admission application process via Student Data API.
 3. Student may edit any data already reported to the University.
 4. Student will provide additional information required by other student onboarding offices and applications.
 5. Submitted data will be updated in appropriate systems of record via Student Data API.

Delivery and Timeline

- **Delivery Method:** This data will be delivered through student data API/Web Service.
- **Timeline:** Would like to have the data feed updated by March 1st, 2017.
- **Project Execution:** This project will be executed by OU IT's Project Management Office.
 - **Project Acceptance:** This project will be complete when an API/Web Service with the requested data is made available for consumption. Any application development utilizing that API will fall outside of the project scope.

Data Validation Checklist

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Updated 1/5/2017

Category 1: Advising

- Method: Utilized the OUBound and ONE portal projects to collect major data points related to student business.
 - Time stamp: 6/1/2016
 - Attendees/participants:
 - **Business and System Analysis:** Lindsey Johnson and Jennifer Bergeron.
 - **Team:** George Thomas, Chris Kennedy, Nicholas Key, Aaron Biggs, Jeff Wall,
 - **Process and Data Expert Advisors:** Brynn Daves - Student Affairs, Lori Stevens – Graduation Office, Ryan Trevino – Sooner Card, Adam Croom – Center for Academic Excellence, Janel Russell-Pendergraft – Arts and Science Advising, Marcus Glenn - EFSE, Caryn Pacheko and Kathi Robinett - FinAid, Brad Burnett – Financial Support Services, Kathleen Smith – Advising, Misti Keenon, Jennifer Cook and Holly Kennedy – Bursar Services, Jessica Schwagger and Allison Baker – Development.
 - Data Spec presented: v1.0
 - Validation Decision: Data Owner approval granted previously
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Category 2: Parking

- Method: Email
- Time stamp: 2/9/2017
- Attendees/participants: Doug Myers, Kris Glenn, JP Morgan
- Data Spec presented: v1.0
- Session Notes: Awaiting validation and approval
- Validation Decision: Data Owner approval granted 3/21/2017
- Category Specific Items:
 - Data spec details to be provided from Parking contact at T2.

From: [Wolfe, Erin G.](#)
To: [Morgan, James P.](#); [Data Governance Committee](#)
Cc: [Marley, Tim](#)
Subject: Re: FOR DGCC REVIEW: Request 3.1 - OU Innovate Append Data Feed
Date: Thursday, March 23, 2017 4:38:00 PM

Clarification for everyone - it turns out we can't get the parking permit type out of T2 (parking system), so this request is only to add building names to OU Innovate; right now we have building abbreviation.

Erin

Erin Wolfe
Executive Director, Office of Strategic Initiatives
University of Oklahoma
Mobile: 520.360.5036

From: Morgan, James P.
Sent: Thursday, March 23, 2017 2:11:38 PM
To: Data Governance Committee
Cc: Marley, Tim
Subject: FOR DGCC REVIEW: Request 3.1 - OU Innovate Append Data Feed

Attached are the requests and supplemental information for the OU Innovate Append Data Feed Request.

Thank you,

JPM

Data Specification

Request 3.1 - OU Innovate Append Data Feed

v1.0 - Updated: 1/5/2017

Category	Attribute Name	Source (SOR)	Schema	Location	Table	Column	Read/ Write	Description	Existing API	Notes	Validated By
Parking	Parking Permit Type**	Provided by T2	Provided by T2	Provided by T2			Read	Type of parking permit a user holds		Parking office will work with their contact at T2 to provide location specs	Kris Glenn; Doug Myers 3/21/2017
Advising	Building Name**	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Class schedule building name			Validated Previously
Bursar	OUSTACCOUNT.AR_MIN_PMT_PIDM	OUSTACCOUNT	OUSTACCOUNT	AR			Read	Unique student identifier for crosswalk			
Bursar	OUSTACCOUNT.AR_MIN_PMT	OUSTACCOUNT	OUSTACCOUNT	AR			Read	Minimum payment due by term			
Bursar	OUSTACCOUNT.AR_CURR_MP_ID	OUSTACCOUNT	OUSTACCOUNT	AR			Read	Unique student identifier for crosswalk			
Bursar	OUSTACCOUNT.AR_CUR_MIN_PMT	OUSTACCOUNT	OUSTACCOUNT	AR			Read	Minimum payment due for current period			
Bursar	TBRACCD_BALANCE_PIDM	Banner	Banner	TBRACCD			Read	Unique student identifier for crosswalk			
Bursar	TBRACCD_BALANCE	Banner	Banner	TBRACCD			Read	Total balance owed to the University			
Advising	TERM_CODE	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Official code for selecting term			
Advising	TERM_DESC	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Official listing of term			
Advising	COURSE_REFERENCE_NUMBER	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Unique code used for courses			
Advising	SUBJECT_CODE	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Subject name for constructing course name			
Advising	COURSE_NUMBER	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Course number for constructing course name			
Advising	SECTION_NUMBER	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Section number fo constructing course name			
Advising	SECTION_TITLE	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Section title for constructing course name			
Advising	CREDIT_HOURS	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Credit available for course completion			
Advising	CAMPUS_DESC	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Identifies primary location of class sessions			
Advising	SCHEDULE_DESC	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Type of course			
Advising	INSTRUCTION_METHOD_DESC	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	How course materials will be presented			
Advising	COURSE_DESC	Banner API	Banner API	studentsGET COURSES			Read	Describes the general purpose of the course			
Advising	SECTION_DESC	Banner API	Banner API	studentsGET COURSES			Read	Describes the content of the course			
Advising	COLLEGE_DESC	Banner API	Banner API	studentsGET COURSES			Read	Lists the college for each course			
Advising	DEPARTMENT_DESC	Banner API	Banner API	studentsGET COURSES			Read	Lists the department for each course			
Advising	INSTRUCTOR_PRIMARY_FIRST_NAME (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Instructor first name for each course instructor			
Advising	INSTRUCTOR_PRIMARY_LAST_NAME (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Instructor last name for each course instructor			
Advising	MEETING1_START_DATE (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	First date of instruction			
Advising	MEETING1_END_DATE (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Last date of instruction			
Advising	MEETING1_START_TIME (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Start of class time			
Advising	MEETING1_END_TIME (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	End of class time			
Advising	MEETING1_BUILDING_DESC (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Building where class is located			
Advising	MEETING1_ROOM (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Classroom where class is located			
Advising	MEETING1_MONDAY_CODE (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Code for each day of week class meets			
Advising	MEETING1_DAYS (...)	Banner API	Banner API	studentsGET CLASS SCHEDULES			Read	Lists days of week class meets			
General	BUILDING_NAME	CQ5	CQ5	http://www.ou.edu/home/normanmap/mapgeo.json/o:building			Read	Returns names of each building on campus			
General	BUILDING_LAT	CQ5	CQ5	http://www.ou.edu/home/normanmap/mapgeo.json/o:building			Read	Returns latitudes of each building on campus			
General	BUILDING_LONG	CQ5	CQ5	http://www.ou.edu/home/normanmap/mapgeo.json/o:building			Read	Returns longitudes of each building on campus			
General	BUILDING_ADDRESS	CQ5	CQ5	http://www.ou.edu/home/normanmap/mapgeo.json/o:building			Read	Returns address of each building on campus			