REQ 39 - Enrollment Assistant Tool is submitted as informational only as it is a similar request to that of REQ 38 - A.I. Graduation Planner also requested by The School of Computer Science, within The College of Engineering. This request will be fulfilled using the same dataset that was provided for REQ 38 approved 11/20/2017.

Attached are the request package and the data spec for your reference.

Thank you,

Data Request Review Group

Request 39 – Enrollment Assistant Tool
Updated 1/22/2018

Requestor Contact Info
Valerie Pham (College of Engineering, Computer Science, Software Studio)
Valerie.t.pham-1@ou.edu

Executive Summary

The current enrollment system has been popularly found as outdated and inefficient by students of the University of Oklahoma. Through the Computer Science department sponsored organization, Software Studio, we are presenting a digital personal assistant that will enhance the enrollment process by auto-generating users' schedules. In order to develop this software, we need access to student information in regards to enrollment and graduation, as well as any existing API storing courses offered at the university.

This request is a follow-up of Dr. Jabrzemski's discussion with Chris Kennedy, Director of Strategic Technology and Student Team Lead, Enrollment and Student Financial Services. Method of authentication is to be established with OU-IT. If authentication is hard, we would like to get as a first step data saved output of the data streams used to construct web pages with Degree Navigator.

Along with Valerie Pham, Software Studio team members Zunluo Wang, Jason Nguyen, Aditya Narasimhan, Grant Higgins, and Sam Medina are also requesting access to data.

User Stories

- o As a student, I want to have an enrollment process that is simple and quick to navigate.
- o As a student, I want to easily access and view my process within my academic career and graduation.
- o As a student support staff (advisor, faculty, graduation coach, etc.), I would like a way in which I can place course advisement for a student within the application instead of manually through paper and pencil.

Sample Application

- Enrolling student logs into the new Enrollment Assistant.
- Enrollment Assistant provides the user with the options of searching, enrolling, or planning their schedules.
- Student clicks the 'Auto-generate' button to generate a schedule.
- Assistant loads a potential schedule for the user.

Delivery and Timeline
- o **Delivery Method:** This data will be delivered through either an API or flat file using the exact same dataset as approved via REQ 38 – AI Graduation Planner.
- o **Timeline:** Development to begin immediately upon approval.
- o **Project Execution:** This project will be executed by OU IT's Data Services Team in connection with Aaron Biggs.
    - o **Project Acceptance:** This project will be complete when the requested data is made available for consumption. Any application development utilizing that API will fall outside of the project scope.

Data Validation Checklist

Request 39 – Enrollment Assistant Tool**

Updated 1/22/2018

Category 1: Academic Records

- Method: Email
- Time stamp: November 1, 2017
- Attendees/participants: Marcus Glenn, Aaron Biggs
- Data Spec presented: 1.0
- Session Notes: None
- Validation Decision: Approved

Category 2: Enrollment and Scheduling

- Method: Email
- Time stamp: November 1, 2017
- Attendees/participants: Marcus Glenn, Aaron Biggs
- Data Spec presented: 1.0
- Session Notes: None
- Validation Decision: Approved

- # **DGCC Approval Notes**

Request 38 – A.I. Graduation Planner

Updated 11/20/2017
DGCC Meeting Status
Date: 11/20/2017

- Per Susannah Livingood
  Approved via Online Poll (11/20/2017)

Data Specification

Request 39 – Enrollment Assistant Tool

v1.0 - Updated: 1/22/2018

Category	Attribute Name	Source (SOR)	Timing	Read/Write	Description	Existing API	Notes	Validated By	Approved By
Academic Records	PERSON_UID	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	SOONER_ID	OUCUSTOM.PERSON_OU	Daily	Read					
Academic Records	COLLEGE_DESC	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	DEPARTMENT_DESC	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	MAJOR_DESC	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	MINOR_DESC	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	HONORS_IND	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	DEGREE_CODE	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	TERM_CODE	OUCUSTOM.STUDENT_ACTIVE_TERM_CURRICULUM	Daily	Read					
Academic Records	COURSE_REFERENCE_NUMBER	OUCUSTOM.STUDENT_SECTION	Daily	Read					
Academic Records	FINAL_GRADE	OUCUSTOM.STUDENT_SECTION	Daily	Read					
Enrollment and Scheduling	TERM_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	TERM_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	SUBJECT_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	SUBJECT_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	COURSE_NUMBER	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	SECTION_NUMBER	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	SECTION_TITLE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	CAMPUS_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	CAMPUS_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	DEPARMTMENT_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	DEPARTMENT_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	COLLEGE_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	COLLEGE_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	COURSE_LEVEL_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	CREDIT_HOURS_MAX	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ACADEMIC_YEAR	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	COURSE_REFERENCE_NUMBER	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ENROLLMENT_MAX	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ENROLLMENT_ACUTAL	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	WAITLIST_COUNT	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	WAITLIST_SEATS_AVAILABLE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	INSTRUCTOR_PRIMARY_ID	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	INSTRUCTOR_PRIMARY_FIRST_NAME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	INSTRUCTOR_PRIMARY_LAST_NAME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING_TIME_COUNT	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					

Data Specification

Request 39 – Enrollment Assistant Tool

v1.0 - Updated: 1/22/2018

Category	Attribute Name	Source (SOR)	Timing	Read/Write	Description	Existing API	Notes	Validated By	Approved By
Enrollment and Scheduling	MEETING1_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING1_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING2_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING3_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING4_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					

Data Specification

Request 39 – Enrollment Assistant Tool

v1.0 - Updated: 1/22/2018

Category	Attribute Name	Source (SOR)	Timing	Read/Write	Description	Existing API	Notes	Validated By	Approved By
Enrollment and Scheduling	MEETING5_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING5_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING6_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING7_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING8_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_START_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_END_DATE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_START_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_END_TIME	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_BUILDING_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_BUILDING_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_ROOM	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	MEETING9_DAYS	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE1_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE1_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE2_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					

Data Specification

Request 39 – Enrollment Assistant Tool

v1.0 - Updated: 1/22/2018

Category	Attribute Name	Source (SOR)	Timing	Read/Write	Description	Existing API	Notes	Validated By	Approved By
Enrollment and Scheduling	ATTRIBUTE2_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE3_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE3_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE4_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE4_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE5_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE5_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE6_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE6_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE7_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE7_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE8_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE8_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE9_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE9_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE10_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE10_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE11_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE11_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE12_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE12_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE13_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE13_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE14_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE14_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE15_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	ATTRIBUTE15_DESC	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	GENED_CODE	OUCUSTOM.COURSE_SECTION	Daily	Read					
Enrollment and Scheduling	PRE_REQUISITE INFORMATOIN	BANNER.SCRRTST	Daily	Read					
Enrollment and Scheduling	CO-REQUISITE INFORMATION	BANNER.SCRCORQ	Daily	Read					