Data Driven Student Support System Project Overview

Data Driven Student Support System| MTSAC | IT and all the Development Partners

Project Goals

- To house all related Existing Student information and create relationships from BANNER, DEGREEWORKS, SARS and APEX (for some Student Services' Special Programs)

- To create and implement a process that will track students who go to LABS, tutorials, or counseling, etc., and be able to associate these activities back to their registered courses

- To allow ARGOS as the main report engine that will use the VIEW or VIEWS and to investigate using Power BI

- Essentially Create a Case Management/Data Driven Student Support System for providing support to students

First Steps

- Evaluate existing Non-Credit shadow systems and create a unified relational database to eliminate those systems and house the data in a single location

- Integrate that data into the design prototype for the ODS (Operational Data Store) being developed to unify data from across campus

- Develop/define a common language for data attributes and clean up existing SARS data so no PII (Personally Identifiable Information) is accessible to the ODS

- Create an interface to the ODS which allows the user to select data from various sources to create an integrated view

Initial View Ideas

- Guided Pathways – Associate students with programs based on the courses they've already taken

- Student Support Services – View what support services a given student has utilized across campus

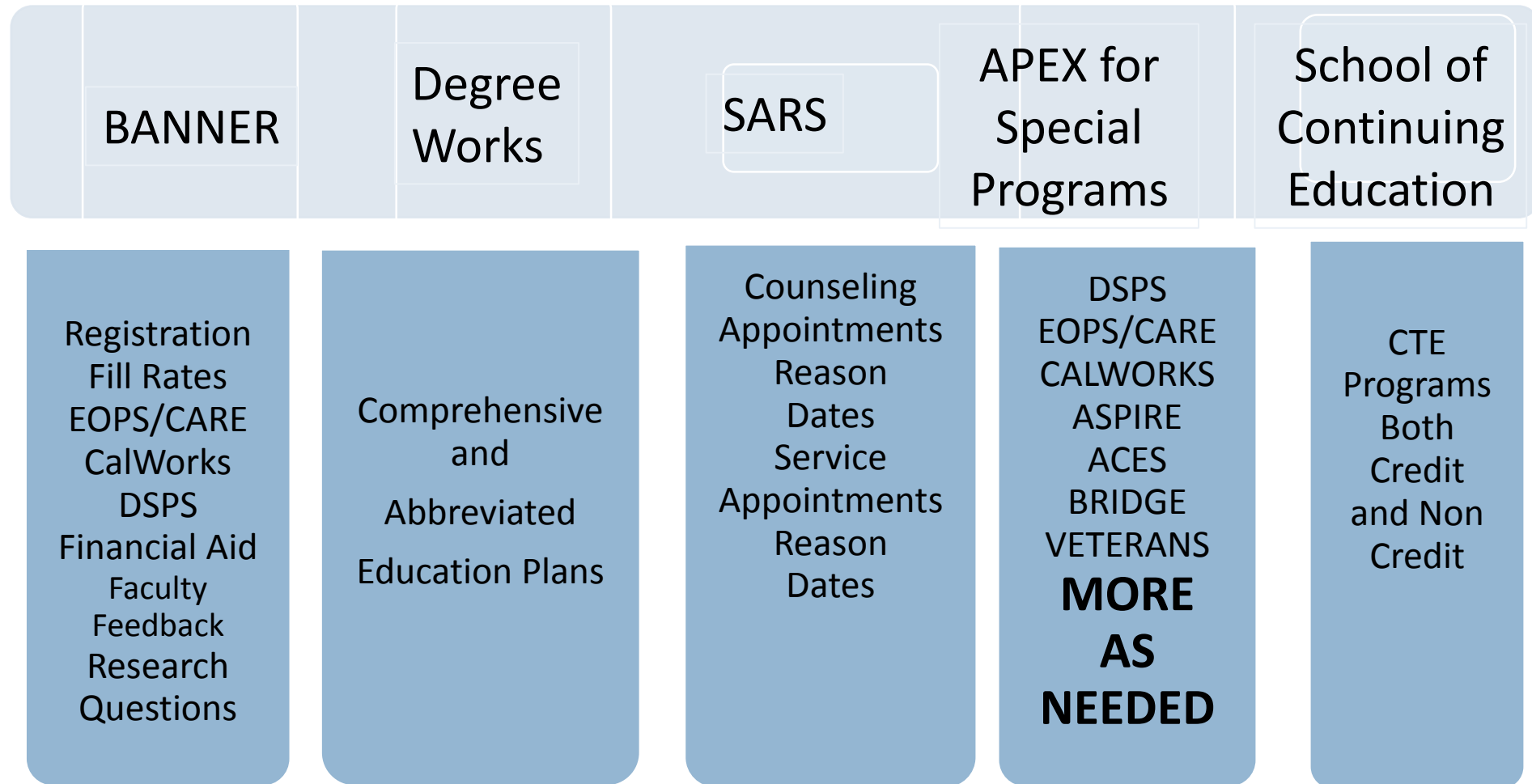- View hits on classes – attempts to register for a given class (Note: already available by student in Banner - SFASTCA)

Design Prototype (OLD Design)

A BIG VIEW containing all information below housed both in BANNER and ODS

DegreeWorks	BANNER	SARS

1. Abbreviated Ed Plan
2. Comprehensive Ed Plan
	1. Name
	2. Student Cohort Code
	3. Student Attribute Code
	4. Ethnicity
	5. Course Registrations
	6. Major
	7. To implement a system (per B Smith and J Barkman)
	   7.1 WHERE – Which Labs/Tutorials the student goes
	   7.2 WHO – Who are these students
	   7.3 WHEN – Date and Time the students attended the labs/tutorials
	7.4 FOR What Course
		1. Appointment Code
		
		2. Appointment Date/Time

-A collaboration with Student Team (all Special Programs, Admissions and Records, Counseling, and Financial Aid), Research, Instruction and IT is needed to identify ALL the requirements.

Design Prototype (New ODS Design)

BANNER	Degree Works	SARS	APEX for Special Programs	School of Continuing Education
Registration Fill Rates EOPS/CARE CalWorks DSPS Financial Aid Faculty Feedback Research Questions	Comprehensive and Abbreviated Education Plans	Counseling Appointments Reason Dates Service Appointments Reason Dates	DSPS EOPS/CARE CALWORKS ASPIRE ACES BRIDGE VETERANS **MORE AS NEEDED**	CTE Programs Both Credit and Non Credit

-A collaboration with Student Team (all Special Programs, Admissions and Records, Counseling, and Financial Aid), Research, Instruction and IT is needed to identify ALL the requirements.