A-G Student Success
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Student Success:

Per California Postsecondary Education Commission (CPEC):
“Student success in higher education is the ability of students to accomplish their educational goals in a timely manner and to attain key performance milestones.”

The Admission to Graduation (A-G) program:
- A multi year university wide student success initiative
- Improving student graduation and retention rates
- Business process re-engineering for student admissions, matriculation, advising through graduation.
- Enable, develop and integrate supporting applications
- Extend the configuration and capabilities of Student Administration modules of PeopleSoft.
Drivers:

- CSU seeks to raise the freshman six-year graduation rate by 8% by 2015–16
- SJSU Graduation Rates – Under 50%
- SJSU First Year Retention Rates – Downward trend
- SJSU is an Impacted Campus for ALL majors

- Students success has been negatively impacted by our current degree audit system, which has been out of date for a number of years, as well as delayed posting of transfer credit and lack of student academic preparation in the STEM majors.

- Manual Admissions/Impaction Processing, Post Enrollment Advisor and Self Service functionality, academic program planning tools and course scheduling tools providing roadmap to graduation
Projects: Current Focus

- Automation of Impaction and Admissions processing including automation of CSU Eligibility processing along with implementation of Degree Audit

- Supplemental Criteria application that draws on Transfer Credit Evaluation (TCE) rules and provides pre matriculation degree audit for transfer students

- Implementation of SB1440

- Implementation of College Scheduler

- Development of reports and analytical infrastructure and tools that will allow both enrollment and advising staff to identify students who might need attention or intervention.
Approach:

- Application to support the re-engineered business processes developed external to the existing PeopleSoft environment - on a Java Enterprise Edition (JEE) technology stack
- Component Interface, Webservices Integration with PeopleSoft environment.
Rationale:

- Decouple the business process flow from the user transactions.

- Mitigate performance and security challenges with implementing custom business process flow functions that compete with delivered PeopleSoft transaction services.

- Rapid creation of efficient, reusable, and user-friendly custom applications, simplifying support and maintenance of the delivered PeopleSoft functions.

- Position SJSU development resources for upcoming development initiatives (Student Data warehouse, SJSU Portal, SJSU Mobile etc.)
Desired Timeline and Status

✓ Establish A-G Steering Committee Nov 2014
✓ Hire Technical PM, Senior JEE and Senior PS-JEE Integration Consultants Jan-Feb 2015
✓ Document Project Charter, Draft Project Plan Jan-Feb 2015
✓ Hire 3 New SJSU Staff with JEE skillset Feb-April 2015
✓ Discovery and Requirements Gathering Feb-March 2015
✓ Design and Sign Off March-April 2015
✓ Infrastructure Set Up March-April 2015
✓ Development Activities, Training of SJSU Programming staff April-August 2015
✓ Testing (Systems, Integration, User Acceptance, Load/Performance June-August 2015
✓ Implementation (Final Sigh Off, Release Management Process September 2015
✓ Knowledge Transfer, Support Service Aug-September 2015
✓ Go Live Target October 1, 2015