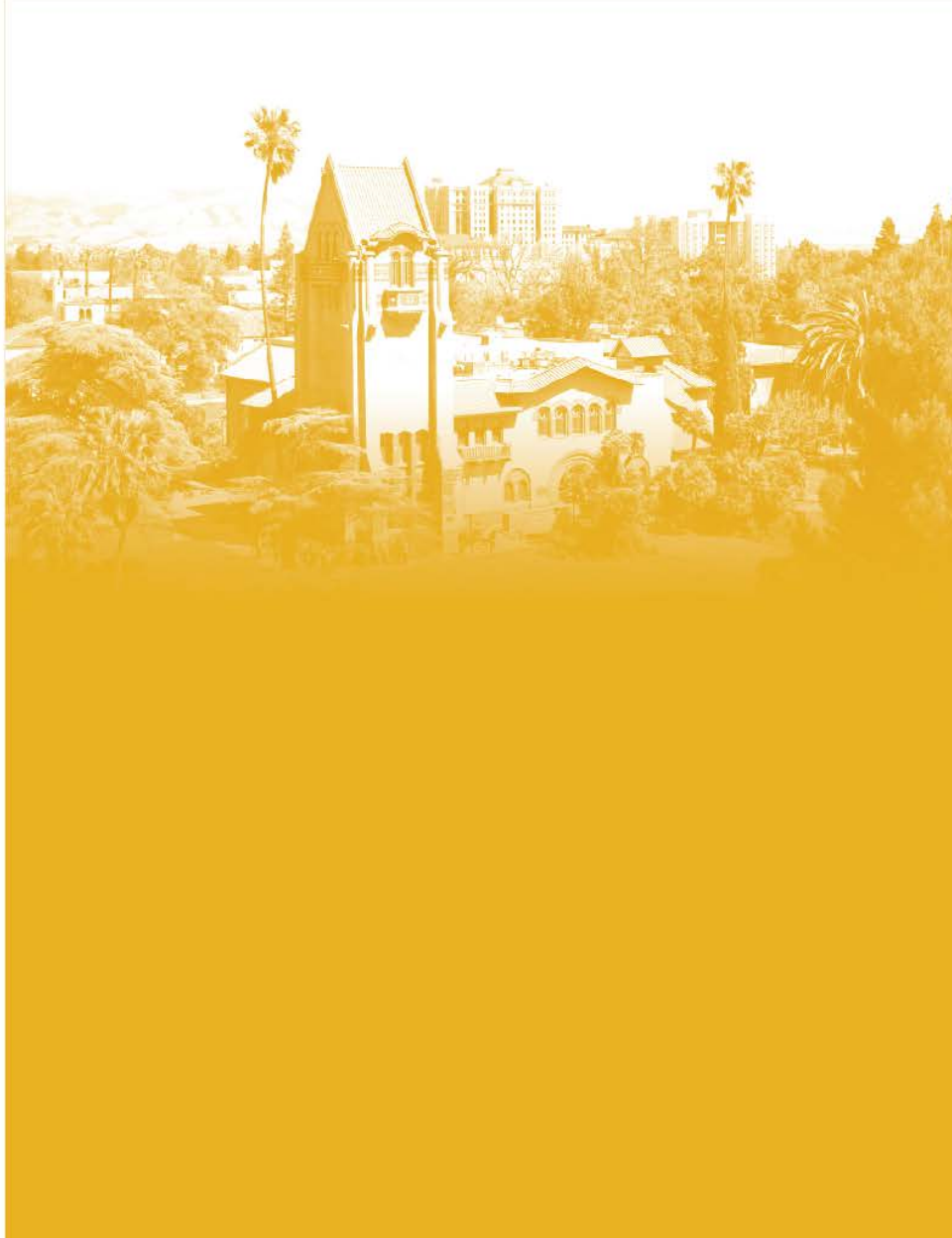




A-G Student Success
Mitesh Kini



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- Students success has been negatively impacted by our current degree audit system, which has been out of date for a number of years, as well as delayed posting of transfer credit and lack of student academic preparation in the STEM majors.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

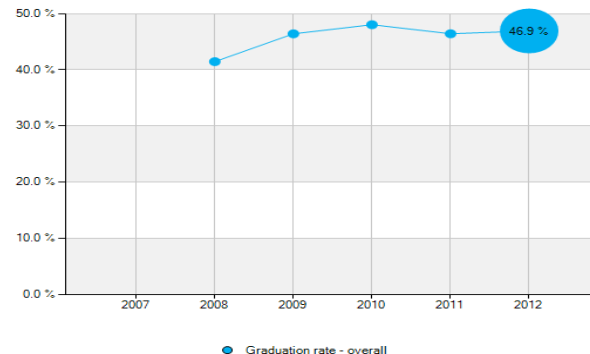


Figure 1
Graduation Rate

Strategic Measure	Outcome	National Rank Among All Colleges	National Rank Among Public Colleges	Trend
		Percentile	Percentile	
Graduation rate	46.9%	41st	50th	↑
First-year retention rate	83.3%	76th	76th	↓

Figure 2
First Year retention rate

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.

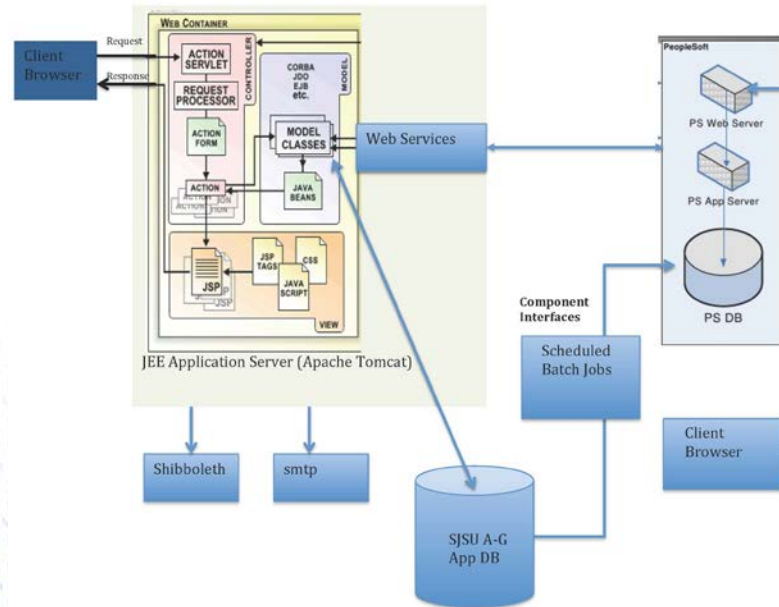


Figure 3
Solution architecture diagram for A-G

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 Sign Off, Release Management Process) September 2015
- ✓ Knowledge Transfer, Support Service Aug-September 2015
- ✓ Go Live Target October 1, 2015