Service Oriented Architecture (SOA) Initiative: Kickoff Forum

June 9, 2014
A Collaboration Project: Mobile Student Data Retrieval Application for Student Affairs “Deans on Call”

By:
Stephen Brawn
Christopher Walker
Anthony (Tony) Kirchmeier
Dean on Call (DOC) 
staff members serve in 
emergency/crisis management situations regarding NU students 
24/7/365.
Dean on Call (DOC) - rotation staff

- All DOC work in the Division of Student Affairs:
  - 2 Assistant Directors
  - 6 Directors
  - 1 Executive Director
  - 4 Assistant Deans
All DOC directly report to:

- AVP/Dean of Students, Todd Adams
- AVP-Student Engagement, Burgwell Howard
- AVP-Student Auxiliary Services, Julie Payne-Kirchmeier

These three AVPs report to Patricia Telles-Irvin, Student Affairs-Vice President.
STUDENT INFO APP
DEMO
Developer Takeaways

- A simplification of web services allows us to focus on the issues we really care about: the end-user experience

- A concentration of reusable components allows for flexibility in form factor (mobile, desktop, etc)

- The adoption of a SOA platform presents the possibility of greater collaboration between back-end and front-end engineers
Takeaways

• An agile development attitude and direct contact with the customer allowed us to use our knowledge of SES data points to design an effective product that really serves the customer’s needs.

• Listening to Tony give scenarios where this product would be useful to them in emergency situations helped us really understand what they needed and helped us become invested in working together to get the best streamlined product available to solve their problem.
Outcomes

- Decreases time to retrieve enterprise student data (decreases DOC stress).

- Helps DOC focus on the crisis situation and coordination with stakeholders.

- Ultimately helps to increase student safety.