

Wanted: a next generation student system

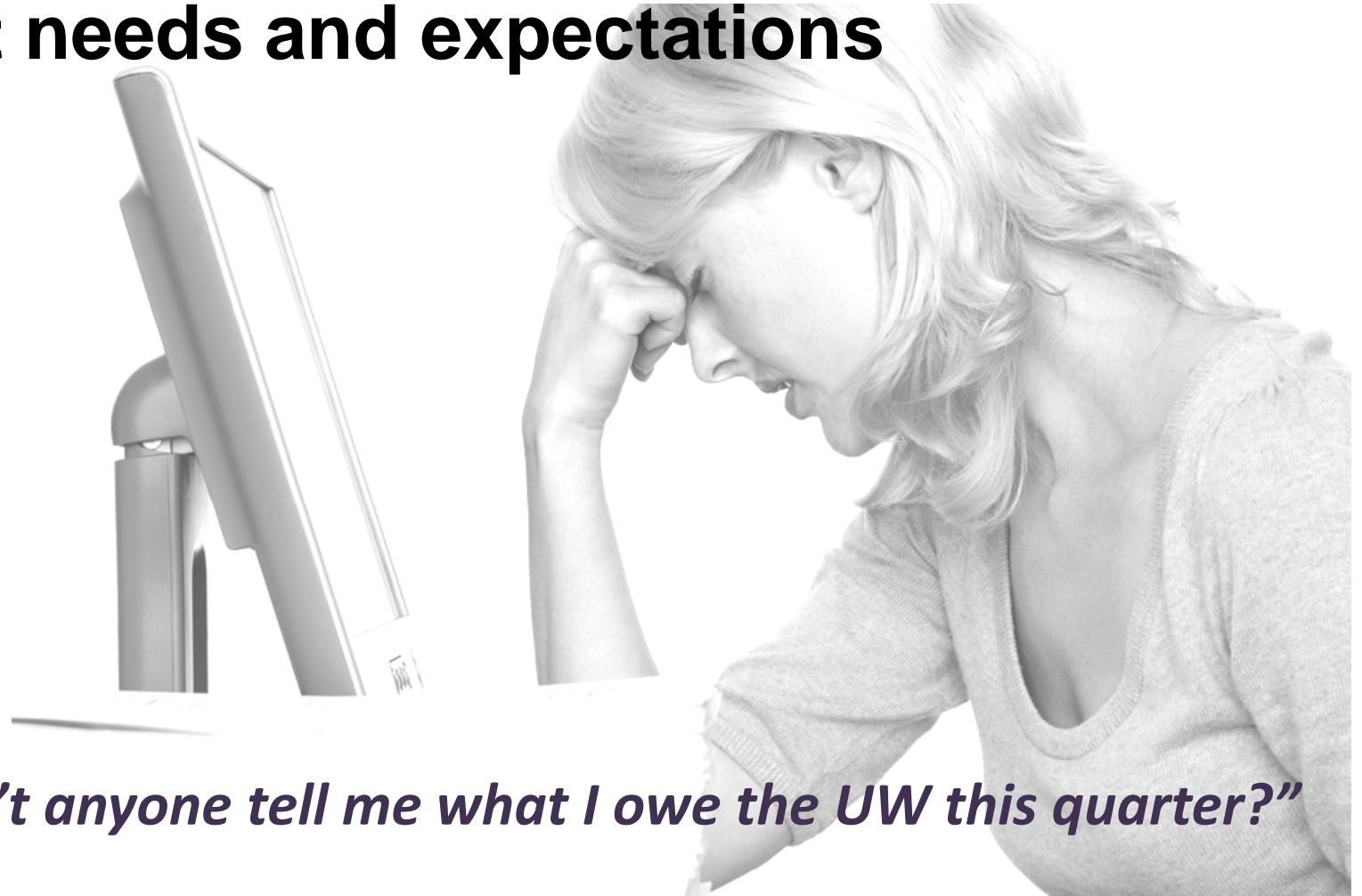
OIM Community Forum, October 09

Darcy Van Patten, Senior Program Manager, Student Information Systems

Bob Jansson, Associate Registrar, Quali Student Subject Matter Expert/Business Analyst

Jim Tomlinson, Senior Application Systems Engineer, Quali Student Development Lead

Our current systems are not fully meeting student needs and expectations



“Why can’t anyone tell me what I owe the UW this quarter?”

“Why do I have to deal with all this paper?”

We do not have the information we need to answer basic questions

“How many students were enrolled in our programs last year?”

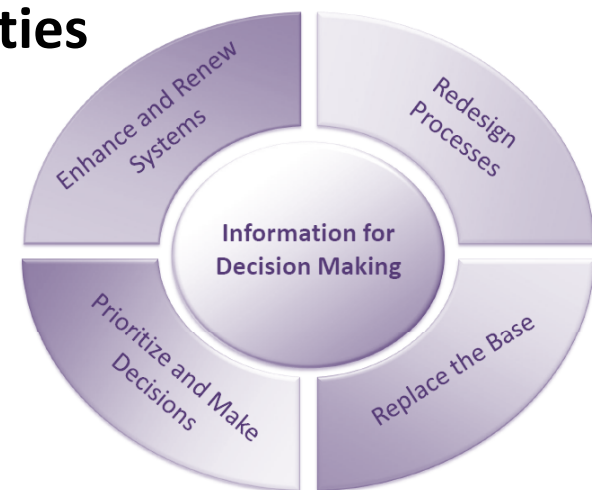
“What impact do advising services have on graduation rates?”



A shared vision emerges from the Strategic Roadmap

Wanted: a next generation student system that

- ✓ Sustains positive relationships with students
- ✓ Supports comprehensive and personalized advisory services
- ✓ Meets existing needs efficiently and effectively
- ✓ Allows us to pursue emerging opportunities
- ✓ Delivers information for decision making and planning
- ✓ Delivers integrated and easily accessible services to students

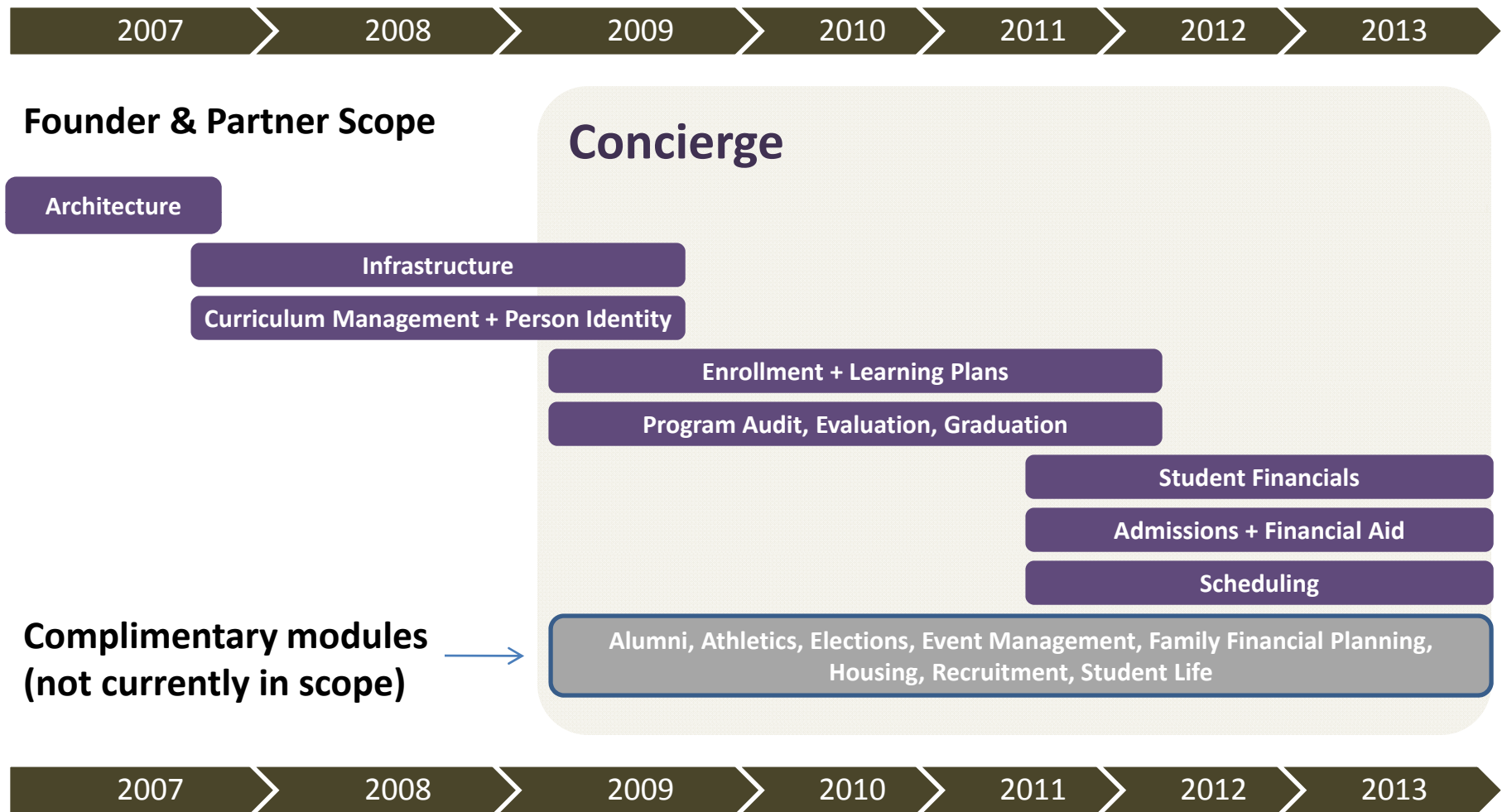


The UW became a partner in developing Quali Student because Quali Student offers

- Reputable partners
- Ability to influence functional requirements and design
- Ability to influence build out of Quali Rice
- Best balance of options, flexibility, and value
- All the basic administrative functions we need
- Student centered features not included in standard off the shelf products



Kuali Student is a community source product development project



Curriculum Management will be released in March 2010, and some founders are beginning implementation

UW has a paper process now

NEW COURSE APPLICATION

University of Washington
Curriculum Review Committee

College or School: _____ Department: _____

Course Title: _____

Abbreviated title for transcripts (not to exceed 10 characters, including spaces. Type _____)

1. PURPOSE OF REQUEST

Permanent new course, to be effective _____ Quarter 20____

Temporary new course, to be offered beginning _____ Quarter 20____ through _____

Extension of a temporary new course, to be offered beginning _____ Quarter 20____

Conversion of a temporary new course, to be offered beginning _____ Quarter 20____

Approval to offer this course as a Distance Learning (DL) status course. (Please attach Permanent CRNC grading only.)

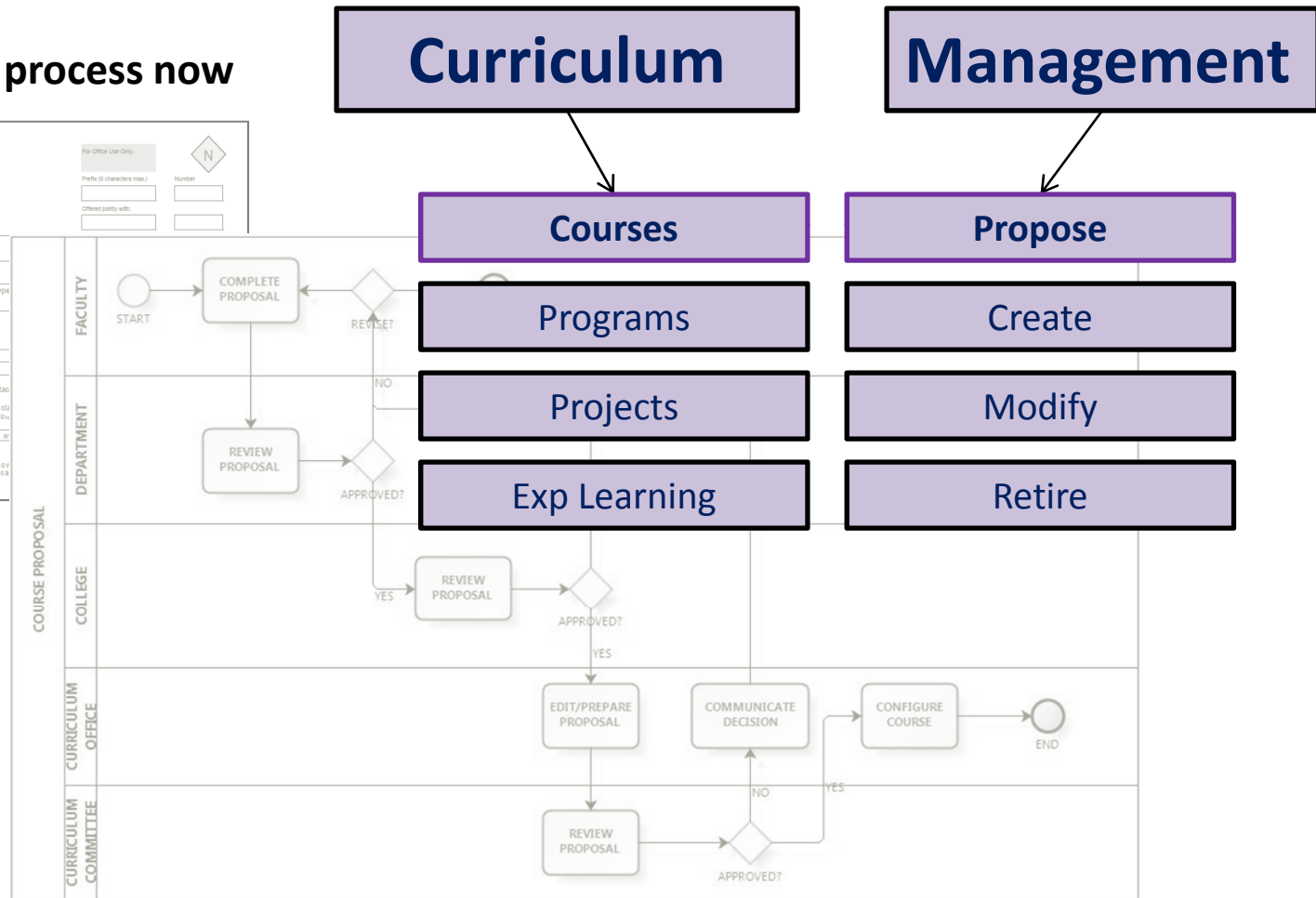
Entree automatic cancellation of registration if prerequisites not met (undergraduate only)

Application to accompany an application to drop or change an existing course title

Attach a course syllabus/outline and reading list if this course is _____

2. JUSTIFICATION and CONTACT INFORMATION

Explain why this course is being proposed, including its relationship to your own course. Please list contact information for individual(s) submitting this application.



Kuali Student employs principles and architecture that support flexibility

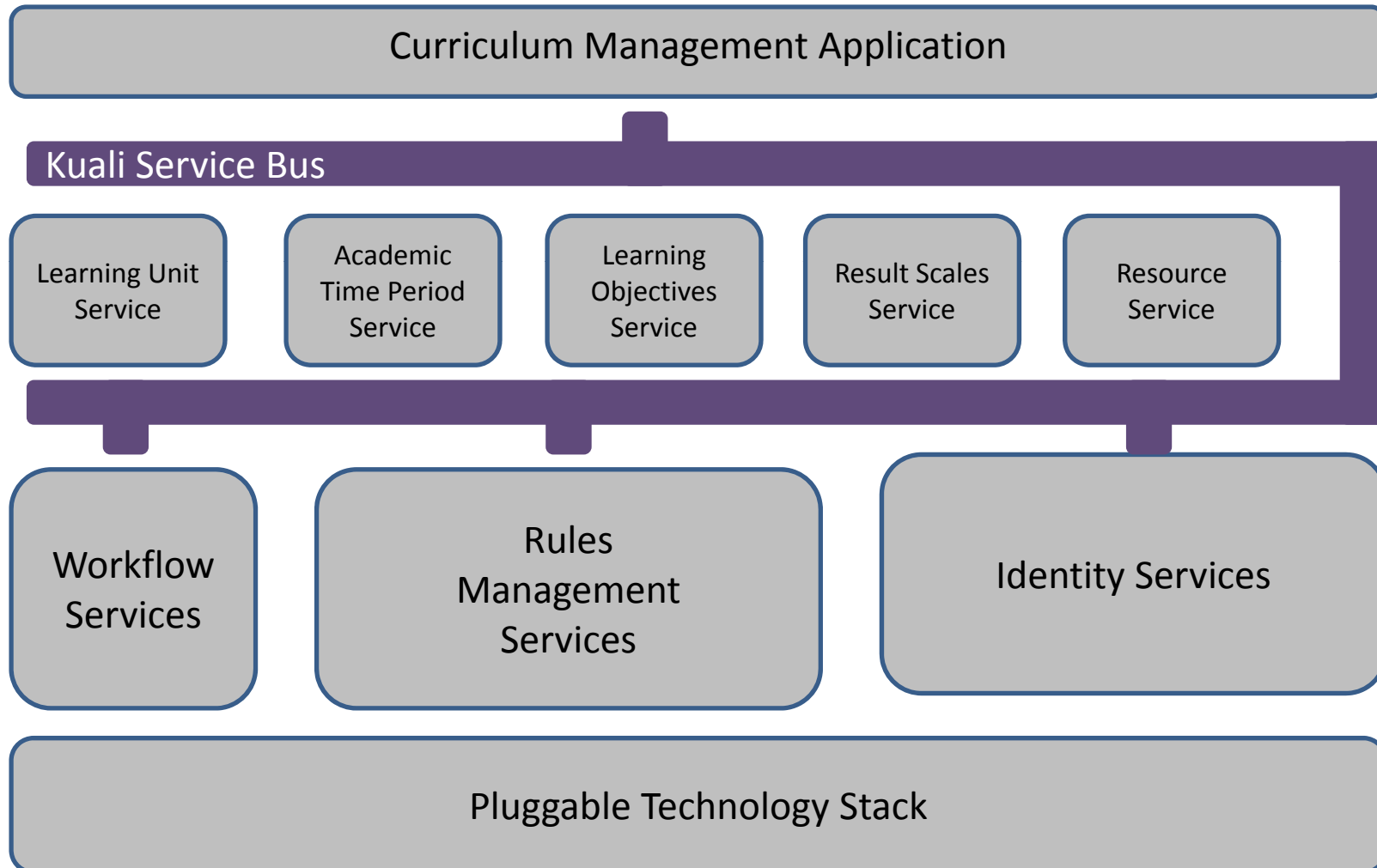
The Principles

- | | |
|--|---|
| <ul style="list-style-type: none"> ✓ SOA Methodology ✓ Standards Based ✓ Abstraction of Business Processes and Rules ✓ Abstraction of the Data Layer ✓ Infrastructure Composed Of Existing Open Source Products | <ul style="list-style-type: none"> ✓ Web Services ✓ Separate Governance Process for Service Contracts ✓ Abstraction of Presentation Layer ✓ Built Entirely On Open Source Software Stack ✓ Java as the Language and Platform of Choice |
|--|---|

SOA Architecture: a system architecture based on a mesh of software services. Services are units of functionality that

- are unassociated
- are loosely coupled
- are exposed through interfaces (contract) distinct from their implementations
- have no calls to each other embedded in them

Kuali Student Architecture in practice

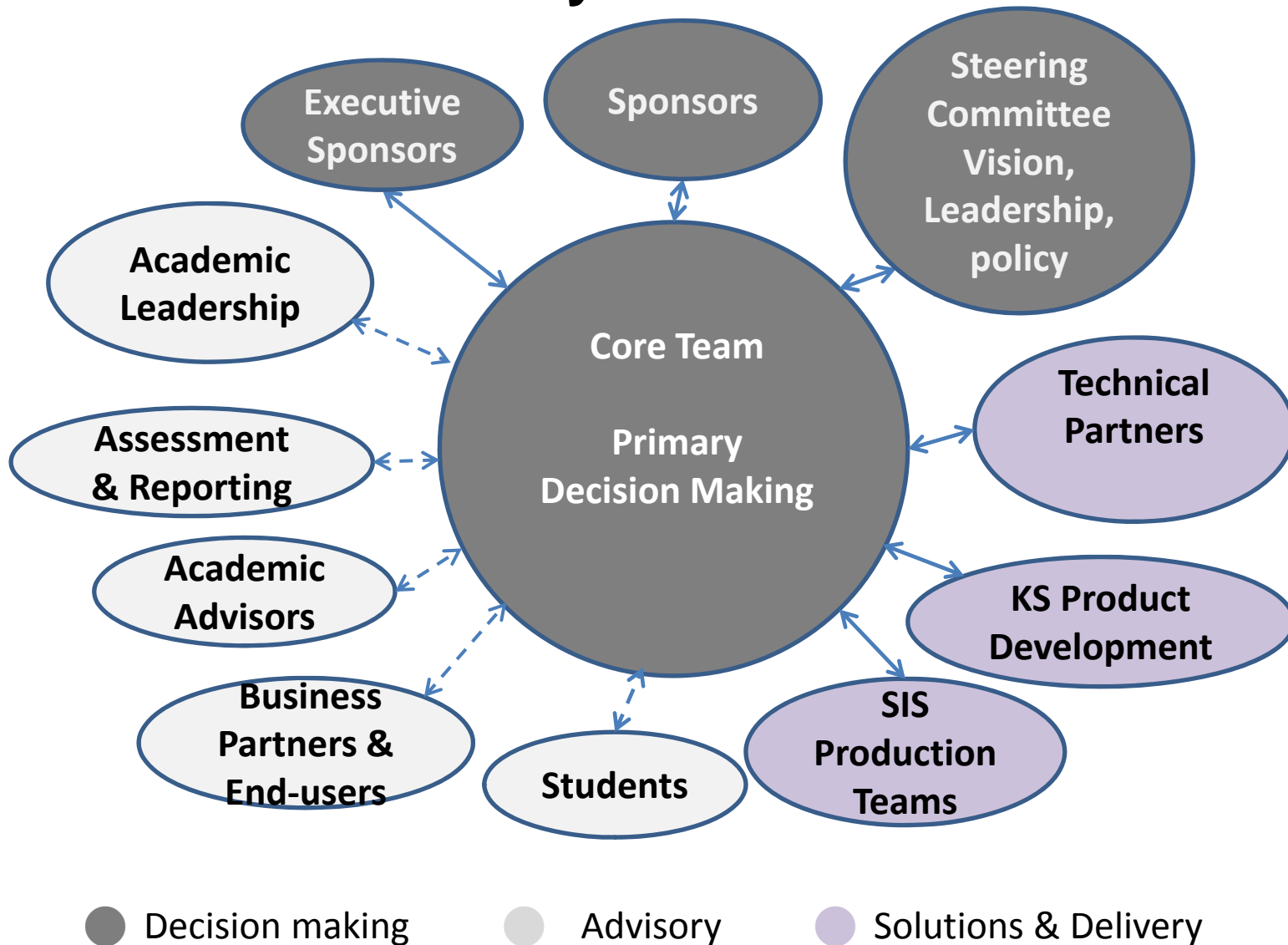


New SIS Program established in OIM

- Brings together production operations, UW participation in Quali Student, replacement project
- SIS Program Goals...
 - Thoughtful trade-offs between immediate and long-term needs
 - Align production activities to vision
 - Minimize throw away
 - Support our workforce transition
 - Engage UW community in preparing



SIS Program governed and advised by Academic community



The UW has many Decision Points

- Will we implement Quali Student?
 - All? Part?
 - Incrementally?
- What systems will we replace?
 - OIM supported systems?
 - ‘sister’ systems?
- What are our integration goals?
- Will we make the service end points available to distributed development teams?



In the meantime...

Preparing for a replacement project

- Improve our technical readiness –‘simplify the plumbing’ using standard information delivery approaches
 - *Student web services*
 - *Enterprise data warehouse*
- Ramp up decision making structure and community engagement
- Agree on resourcing priorities: ***Stop? Continue? Start?***
- Agree upon how we will approach our many decision points
- Participate in funding discussions

Questions?

