

ITANA 2012 Denver

Architecture Case Studies

University of Washington: Learning Plan

ITANA Architecture Case Studies

University of Washington *MyPlan*

Three presentations at Kualu Days 2012

1. ***The What and When of MyPlan: Academic Planning in the Kualu Student Framework*** Jill Yetman, MyPlan Project Team Lead, University of Washington
2. ***The How of MyPlan: Looking under the hood of a SOA driven application*** Kamal Muthuswamy, Senior Systems Application Engineer, University of Washington
3. ***Developing "Concierge" Functionality for Academic Planning*** Carol Bershad, Program Analyst, University of Washington

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University of Washington *MyPlan*

University of Washington MyPlan as an architecture case study
(<https://depts.washington.edu/myplan/>)

A textbook example of SOA

- Legacy integration

- Re-use and loose-coupling

- Contract governance

Also an an example of UX architecture

- Personas

- User interaction framework

A platform for innovation

- Concierge functionality

- Integration with analytics

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What does MyPlan do?

Current release

- Faceted search tool for course catalog
- Multi-year course planning tool
- Integration with degree audit
- Integration with advising

Year 2 release

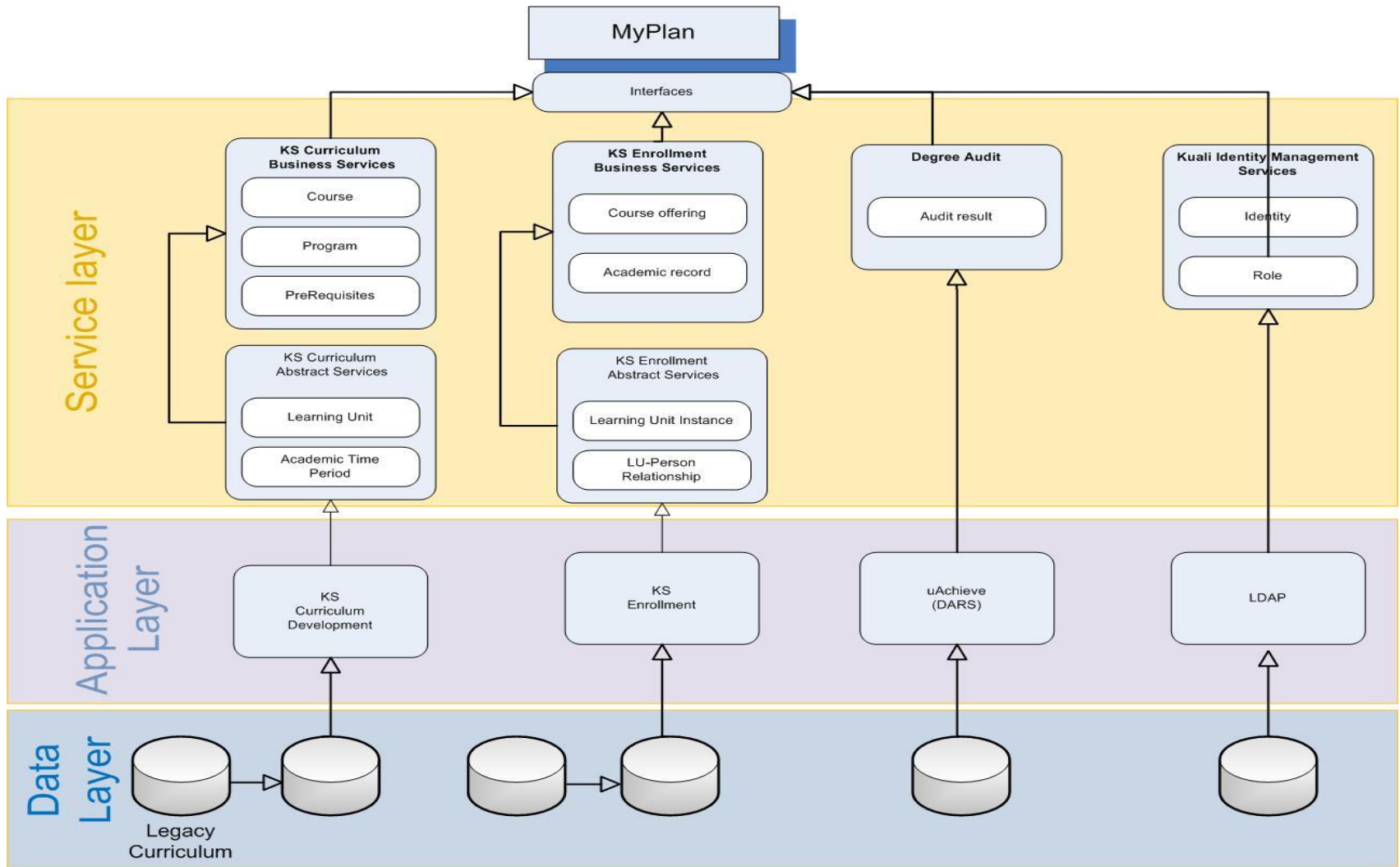
- Registration planning
- Audit a plan, not just the academic record
- Adviser-created plan 'templates'
- Requisite rules (e.g. alerts when pre-reqs not completed)
- Mobile web application

Future possibilities

- Program exploration
- Learning objectives
- Concierge

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User Experience Architecture (UX)

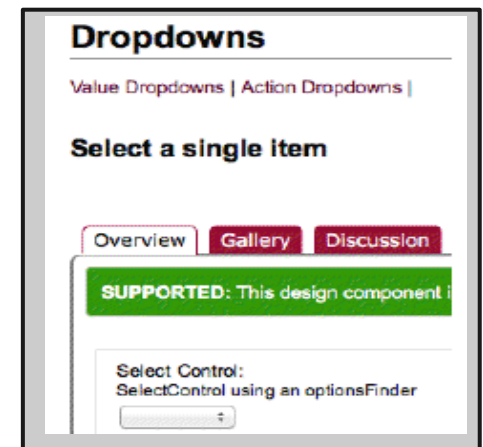
Personas

+

User stories

+

Kuali UIM
- Widget gallery
- Navigation



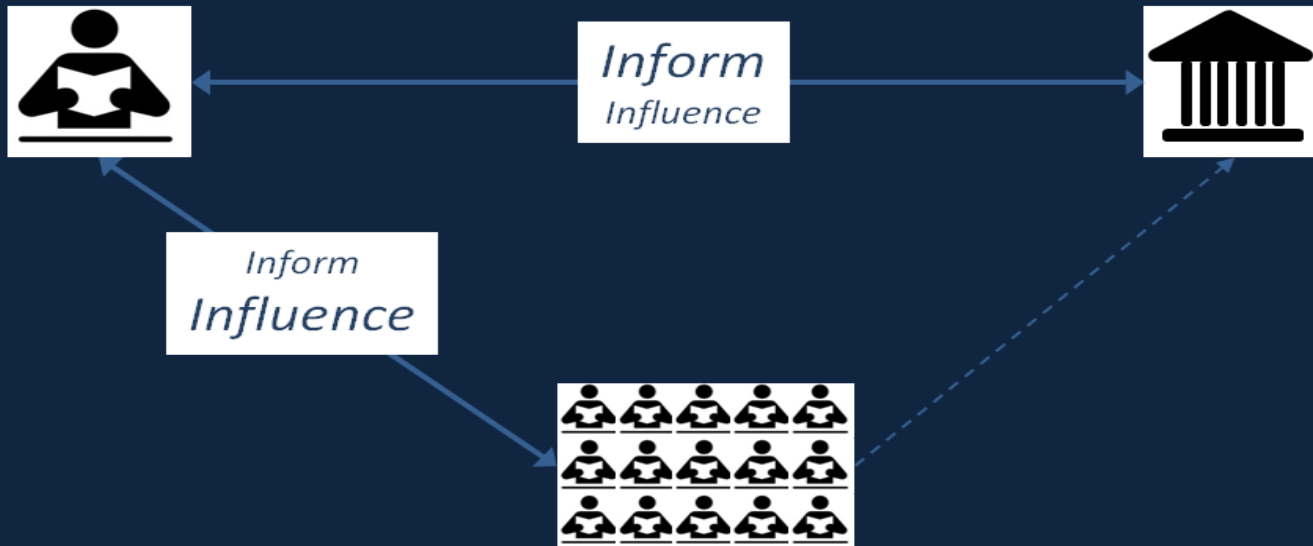
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A foundation for future functionality...the idea of a "Concierge"

② Continue with connecting an individual student to institutional information:
Audit a Plan

① Start with improved access to institutional information:
Create a Plan



③ Progress to connecting an individual student with the collective experience:
Suggest a Plan