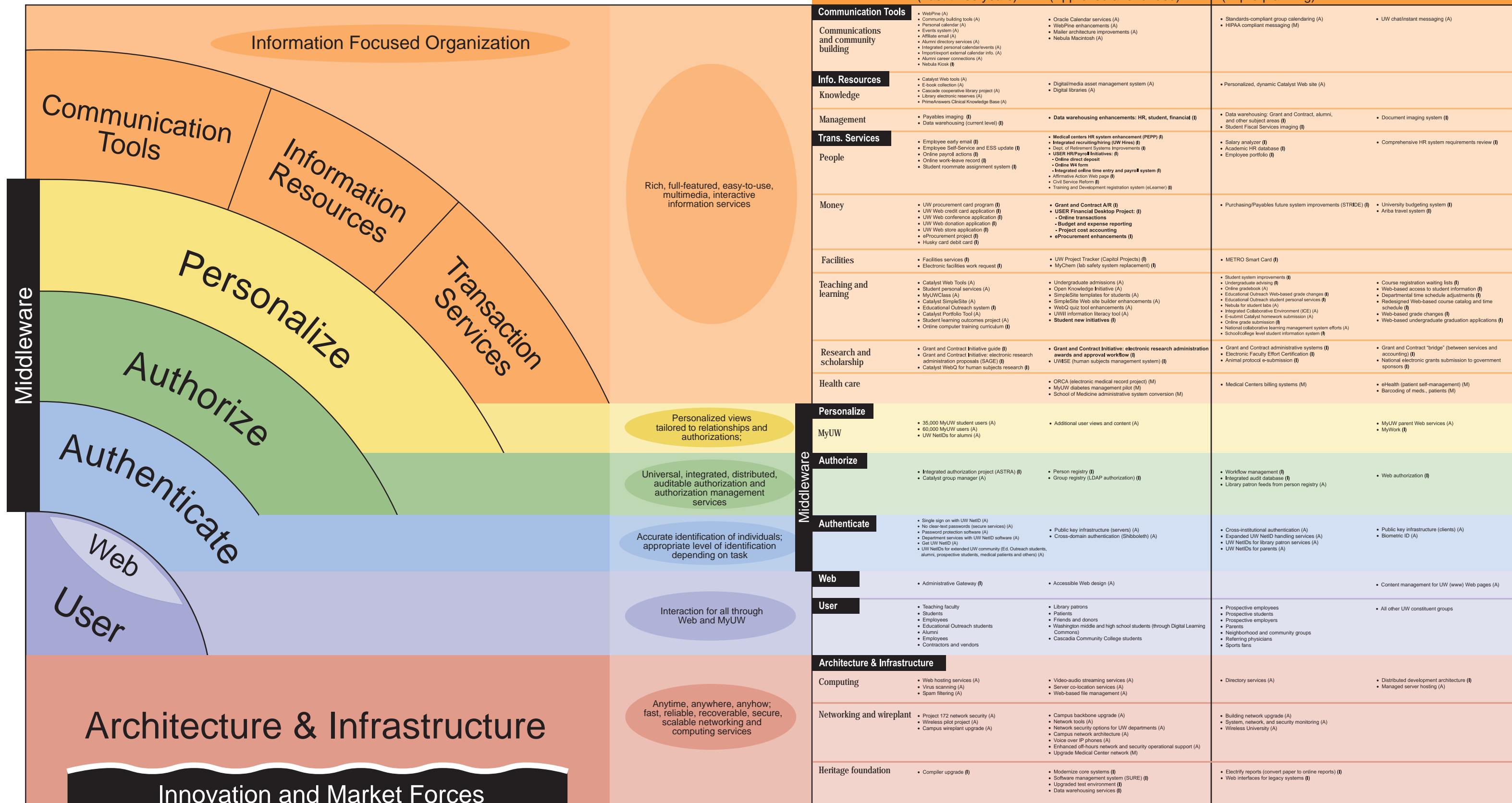


University Information Services Strategy - Draft of May 24, 2004

Key: I-TAC (I), A-TAC (A), UW Medicine (M)
 Projects in **bold** indicate current projects on Fill the Gap Project Outlook list

Conceptual Framework

UW Implementation



Vision

Rich, full-featured, easy-to-use, multimedia, interactive information services

Personalized views tailored to relationships and authorizations;

Universal, integrated, distributed, auditable authorization and authorization management services

Accurate identification of individuals; appropriate level of identification depending on task

Interaction for all through Web and MyUW

Anytime, anywhere, anyhow; fast, reliable, recoverable, secure, scalable networking and computing services

Approved and Funded

Needs Approval

	Accomplishments (Last three years)	Current Activities (Approved and funded)	Planned Activities (In pre-planning)	Future Possibilities
Communication Tools	<ul style="list-style-type: none"> WebPine (A) Community building tools (A) Personal calendar (A) Events system (A) Affiliate email (A) Alumni directory services (A) Integrated personal calendar/events (A) Import/export external calendar info. (A) Alumni career connections (A) Nebula Kiosk (I) 	<ul style="list-style-type: none"> Oracle Calendar services (A) WebPine enhancements (A) Mail architecture improvements (A) Nebula Macintosh (A) 	<ul style="list-style-type: none"> Standards-compliant group calendaring (A) HIPAA compliant messaging (M) 	<ul style="list-style-type: none"> UW chat/instant messaging (A)
Info. Resources	<ul style="list-style-type: none"> Catalyst Web tools (A) E-book collection (A) Cascade cooperative library project (A) Library electronic reserves (A) PrimeAnswers Clinical Knowledge Base (A) 	<ul style="list-style-type: none"> Digital/media asset management system (A) Digital libraries (A) 	<ul style="list-style-type: none"> Personalized, dynamic Catalyst Web site (A) 	
Management	<ul style="list-style-type: none"> Payables imaging (I) Data warehousing (current level) (I) 	<ul style="list-style-type: none"> Data warehousing enhancements: HR, student, financial (I) 	<ul style="list-style-type: none"> Data warehousing: Grant and Contract, alumni, and other subject areas (I) Student Fiscal Services imaging (I) 	<ul style="list-style-type: none"> Document imaging system (I)
Trans. Services	<ul style="list-style-type: none"> Employee early email (I) Employee Self-Service and ESS update (I) Online payroll actions (I) Online work-leave record (I) Student roommate assignment system (I) 	<ul style="list-style-type: none"> Medical centers HR system enhancement (PEPP) (I) Integrated recruiting/hiring (UW Hires) (I) Dept. of Retirement Systems Improvements (I) USER HR/Payroll Initiatives: (I) <ul style="list-style-type: none"> Online direct deposit Online W4 form Integrated online time entry and payroll system (I) Affirmative Action Web page (I) Civil Service Reform (I) Training and Development registration system (eLearner) (I) 	<ul style="list-style-type: none"> Salary analyzer (I) Academic HR database (I) Employee portfolio (I) 	<ul style="list-style-type: none"> Comprehensive HR system requirements review (I)
People				
Money	<ul style="list-style-type: none"> UW procurement card program (I) UW Web credit card application (I) UW Web conference application (I) UW Web donation application (I) UW Web store application (I) eProcurement project (I) Husky card debit card (I) 	<ul style="list-style-type: none"> Grant and Contract A/R (I) USER Financial Desktop Project: (I) <ul style="list-style-type: none"> Online transactions Budget and expense reporting Project cost accounting eProcurement enhancements (I) 	<ul style="list-style-type: none"> Purchasing/Payables future system improvements (STRIDE) (I) 	<ul style="list-style-type: none"> University budgeting system (I) Arba travel system (I)
Facilities	<ul style="list-style-type: none"> Facilities services (I) Electronic facilities work request (I) 	<ul style="list-style-type: none"> UW Project Tracker (Capitol Projects) (I) MyChem (lab safety system replacement) (I) 	<ul style="list-style-type: none"> METRO Smart Card (I) 	
Teaching and learning	<ul style="list-style-type: none"> Catalyst Web Tools (A) Student personal services (A) MyUWClass (A) Catalyst SimpleSite (A) Educational Outreach system (I) Catalyst Portfolio Tool (A) Student learning outcomes project (A) Online computer training curriculum (I) 	<ul style="list-style-type: none"> Undergraduate admissions (A) Open Knowledge Initiative (A) SimpleSite templates for students (A) SimpleSite Web site builder enhancements (A) WebQ quiz tool enhancements (A) UWII information literacy tool (A) Student new initiatives (I) 	<ul style="list-style-type: none"> Student system improvements (I) Undergraduate advising (I) Online gradbook (A) Educational Outreach Web-based grade changes (I) Educational Outreach student personal services (I) Nebula for student labs (A) Integrated Collaborative Environment (ICE) (A) e-submit Catalyst homework submission (A) Online grade submission (I) National collaborative learning management system efforts (A) School/college level student information system (I) 	<ul style="list-style-type: none"> Course registration waiting lists (I) Web-based access to student information (I) Departmental time schedule adjustments (I) Redesigned Web-based course catalog and time schedule (I) Web-based grade changes (I) Web-based undergraduate graduation applications (I)
Research and scholarship	<ul style="list-style-type: none"> Grant and Contract Initiative guide (I) Grant and Contract Initiative electronic research administration proposals (SAGE) (I) Catalyst WebQ for human subjects research (I) 	<ul style="list-style-type: none"> Grant and Contract Initiative: electronic research awards and approval workflow (I) UWISE (human subjects management system) (I) 	<ul style="list-style-type: none"> Grant and Contract administrative systems (I) Electronic Faculty Effort Certification (I) Animal protocol e-submission (I) 	<ul style="list-style-type: none"> Grant and Contract "bridge" (between services and accounting) (I) National electronic grants submission to government sponsors (I)
Health care		<ul style="list-style-type: none"> ORCA (electronic medical record project) (M) MyUW diabetes management pilot (M) School of Medicine administrative system conversion (M) 	<ul style="list-style-type: none"> Medical Centers billing systems (M) 	<ul style="list-style-type: none"> eHealth (patient self-management) (M) Barcoding of meds., patients (M)
Personalize		<ul style="list-style-type: none"> Additional user views and content (A) 		<ul style="list-style-type: none"> MyUW parent Web services (A) MyWork (I)
MyUW	<ul style="list-style-type: none"> 35,000 MyUW student users (A) 60,000 MyUW users (A) UW NetIDs for alumni (A) 			
Authorize	<ul style="list-style-type: none"> Integrated authorization project (ASTRA) (I) Catalyst group manager (A) 	<ul style="list-style-type: none"> Person registry (I) Group registry (LDAP authorization) (I) 	<ul style="list-style-type: none"> Workflow management (I) Integrated audit database (I) Library patron feeds from person registry (A) 	<ul style="list-style-type: none"> Web authorization (I)
Authenticate	<ul style="list-style-type: none"> Single sign on with UW NetID (A) No clear-text passwords (secure services) (A) Password protection software (A) Department services with UW NetID software (A) Get UW NetID (A) UW NetIDs for extended UW community (Ed. Outreach students, alumni, prospective students, medical patients and others) (A) 	<ul style="list-style-type: none"> Public key infrastructure (servers) (A) Cross-domain authentication (Shibboleth) (A) 	<ul style="list-style-type: none"> Cross-institutional authentication (A) Expanded UW NetID handling services (A) UW NetIDs for library patron services (A) UW NetIDs for parents (A) 	<ul style="list-style-type: none"> Public key infrastructure (clients) (A) Biometric ID (A)
Web	<ul style="list-style-type: none"> Administrative Gateway (I) 	<ul style="list-style-type: none"> Accessible Web design (A) 		<ul style="list-style-type: none"> Content management for UW (www) Web pages (A)
User	<ul style="list-style-type: none"> Teaching faculty Students Employees Educational Outreach students Alumni Employees Contractors and vendors 	<ul style="list-style-type: none"> Library patrons Patients Friends and donors Washington middle and high school students (through Digital Learning Commons) Cascadia Community College students 	<ul style="list-style-type: none"> Prospective employees Prospective students Prospective employers Parents Neighborhood and community groups Referring physicians Sports fans 	<ul style="list-style-type: none"> All other UW constituent groups
Architecture & Infrastructure				
Computing	<ul style="list-style-type: none"> Web hosting services (A) Virus scanning (A) Spam filtering (A) 	<ul style="list-style-type: none"> Video-audio streaming services (A) Server co-location services (A) Web-based file management (A) 	<ul style="list-style-type: none"> Directory services (A) 	<ul style="list-style-type: none"> Distributed development architecture (I) Managed server hosting (A)
Networking and wireplant	<ul style="list-style-type: none"> Project 172 network security (A) Wireless pilot project (A) Campus wireplant upgrade (A) 	<ul style="list-style-type: none"> Campus backbone upgrade (A) Network tools (A) Network security options for UW departments (A) Campus network architecture (A) Voice over IP phones (A) Enhanced off-hours network and security operational support (A) Upgrade Medical Center network (M) 	<ul style="list-style-type: none"> Building network upgrade (A) System, network, and security monitoring (A) Wireless University (A) 	
Heritage foundation	<ul style="list-style-type: none"> Compiler upgrade (I) 	<ul style="list-style-type: none"> Modernize core systems (I) Software management system (SURE) (I) Upgraded test environment (I) Data warehousing services (I) 	<ul style="list-style-type: none"> Electrify reports (convert paper to online reports) (I) Web interfaces for legacy systems (I) 	

1 I-TAC (I): Includes all administrative applications
 A-TAC (A): Includes infrastructure, middleware, uniform access computing including email, Web, and course management
 UW Medicine (M): Includes UW Medicine technology projects