

## Planning Draft iCampus Portal Project Phase II\_080602

Approved: iCampus Executive Committee 08/05/02

Approved: iCampus Steering Committee, 08/05/02

Note: "Item" number refers to original PAWS planning matrix from FY01

### 1. FY03 Student Portal Implementation Features (in priority order)

Increase student access as far as we can support load. Groups with access as of 08/01/02 include, Preview students, Preview guides, peer advisors, FOI faculty, Honors students, athletes, most advisors

#### 1.1.

- Depending on load balancing issues and portal stress on the main frame we should move ahead with increasing student access.<sup>1</sup>
- AIS continues to work on 24x7 access for SIAS transactions through the portal, expects to have in place by 8/16/02.<sup>2</sup>
- SGA members and student trustees will be added to the portal database now.<sup>2</sup>
- Tentative dates for opening up access to more students is as follows:<sup>2</sup>
  - October – Graduate (approx. 2700)
  - October/November – Seniors (approx. 5000)
  - January – Juniors (approx. 4500)
  - February – Sophomores (approx. 4200)

#### 1.2. Bring registration online (Item 8).

- Moving registration to the Web will be very difficult. We can do a minimal system that would be just like SIAS but delivered via Web. Or, we could build a friendlier more intuitive system with extensions to plan future class schedules and links to degree audit. We recommend developing a detailed plan before beginning any programming. This project will take at least 9 months to a year to complete.<sup>1</sup>
- The current plan is to have two registration projects working in parallel – the first to web-enable the current registration system, and the second to plan and implement needed enhancements to the current registration system to create a more intuitive solution.<sup>2</sup>
- The goal for a registration pilot is Spring 2003, with athletes and honors students.<sup>2</sup>

#### 1.3. Display probation status, reinstatement, SPAF status (Item 13)

- Display within the portal structure is not difficult. If we are presented with a detailed plan this project take about 1 month.<sup>1</sup>

#### 1.4. Report and display of financial aid award, direct loan history, aid alerts (plan academic progress alerts, not on time line)

- This is a display only channel. The Financial Aid Office understands the portal technology and is able to help implement new channels that

should reduce development time. These additions would take about 2 months.<sup>1</sup>

- 1.5. Enhanced ULID directory and development of “roles” to drive communications channels and channel selection. Add departments and job title to the LDAP searches.
  - LDAP enhancements will reflect the EduPerson schema and be implemented summer of 2002 by CISS. New roles driven channels are continuing to be developed by the iCampus portal team and the uPortal JA\_SIG group.<sup>1</sup>
  - The technical issues behind the development of “roles” may well prove to be the easier part of this project – policy and administration issues regarding roles management must be addressed<sup>2</sup>
- 1.6. Revisit PKI encryption and digital signature feature
  - Desktop implementation of PKI is progressing slowly. There are no current plans to move the portal from LDAP authentication to PKI authentication.<sup>1</sup>
- 1.7. Continued migration toward single sign on (Item 1)
  - The JA-SIG group is developing a “crypto-wallet” strategy for channels to share encrypted passwords. The iCampus portal will adopt this strategy when available.<sup>1</sup>
  - Crypto-wallet has been implemented in the current portal framework – the portal development team should continue to investigate the use of Entrust’s True Pass solution as an alternative for secure authentication<sup>2</sup>
- 1.8. Survey and election channels (Item 21 and 24). May be very similar in implementation.
  - This task is dependant on 1.1. CISS and IWSS developed several voting databases/Web page solutions that worked with the VoteHere software for student elections. Voting within a portal channel should be given high priority for the next student election. This will require all students have access to the portal.<sup>1</sup>
  - A survey channel has been purchased from IBS for use in the portal. IBS has agreed to customize this channel to our specifications as needed at no additional charge.<sup>2</sup>
- 1.9. Redbird card online to check status, report lost cards, etc.
  - This channel is currently in development by the iCampus team. It will be released to Preview students in June 02. As additional students are given access to the portal they will have access to the card channel.<sup>1</sup>
- 1.10. GPA calculator (Item 14)
  - Personnel from the Registrar’s are beginning to develop this channel. Estimated development time 3 months. (working 2 days per week)<sup>1</sup>
  - A prototype of this channel is in place currently and work continues to test and enhance it.<sup>2</sup>
- 1.11. Implement e-Brochure to serve prospective students from outside of the Portal. (Item 2)

- IWSS, UMC and Admissions are developing the eBrochure. Completion date is summer 2002.<sup>1</sup>
- 1.12. Implement parent login to student-approved channels within the portal<sup>2</sup>
    - This will require development of a mechanism for students to securely give their parents permission to a prescribed set of channels if they choose.<sup>2</sup>
    - A secure login and password would need to be assigned to parents, and the accompanying security, privacy and administration issues addressed.<sup>2</sup>
    - This functionality must integrate with e-Commerce solution to allow parents to pay bills for students or add funds online.<sup>2</sup>
  - 1.13. Add eReserve and URL for class web page to Course Information
    - Explore possibility of Milner Library having the ability to add eReserve information directly.<sup>2</sup>
  - 1.14. Add WebCT interface to the portal
    - The WebCT campus edition needed for portal integration has been purchased, and the portal development team needs to look at what work is involved in making it a channel, building on the work of other uPortal school in this area.<sup>2</sup>
2. FY03 Portal Implementation Features for Faculty and Staff
    - 2.1. Define what current features in the portal would be useful for faculty and staff: access to classes faculty are teaching, class name and email rosters, download sets of email for classes, rosters for WebCT, basic staff and faculty information accessible from mainframe.
      - Planning channels with faculty and faculty iCampus presentations
      - This will require planning before technical implementation.<sup>1</sup>
      - A planning group is needed to assess faculty/staff user needs – suggestions for representation included the Academic Senate, AP & Civil Service Councils.<sup>2</sup>
    - 2.2. View student grades and coursework..
      - This will require planning before technical implementation.<sup>1</sup>
    - 2.3. Grade submission online by faculty. Begin with submitting “alert grades” for first pass (Item 13)
      - Both Todd and Mark felt this project was technically possible with a minimum effort. Rick Gardner is the lead person on the AIS side. Rick would have to be brought into the discussion to develop a timeline. Security is the primary problem.<sup>1</sup>
      - A small pilot with “alert grades” was suggested, possibility in the September-October 2002 time frame.<sup>2</sup>
    - 2.4. Revisit the planning for online scheduling to add the ability to make scheduling changes via a web interface (Item 6).
      - This will require planning before technical implementation.<sup>1</sup>
3. FY03 E-commerce Dependent Features (in priority order)

- 3.1. Provide a minimum level of e-commerce for collection of enrollment fee online, tuition and fees. This may require a separate Web site or alternative to LDAP login to accommodate parents. (Item 20)
  - The e-commerce committee is working on this initiative.<sup>1</sup>
- 3.2. Online application for degrees (tied in with commencement). Credit card transaction needed.
  - This will depend on our e-commerce solution<sup>1</sup>
- 3.3. Red Bird Card payment issues online.
  - This will depend on our e-commerce solution<sup>1</sup>
- 3.4. Campus-dining for signing up for meal plans, payments, etc.
  - The Redbird Card office will have to develop the time line for this project.<sup>1</sup>
- 3.5. Online transcript requests. Would be out-of-portal implementation; requires e-commerce piece.
  - Since Alumni request transcripts this will not be in the portal. We don't have a time line for this project.<sup>1</sup>
  - The issue of how to give alumni access to the portal must be resolved before any alumni applications can be included exclusively in the portal<sup>2</sup>
- 3.6. Payment of fees, fines, parking decals, etc.
  - This will depend on our e-commerce solution<sup>1</sup>
4. FY03 Mainframe Development Work (prior to portal implementation in FY04)
  - 4.1. View of admissions info and status (APARS like system)
    - This is one of Rick Gardners projects and is closely related to the pre-admissions file, demographic file and building a students admission record. Rick will need to develop a time line. With about 7000 admitted students per year the portal will not be able to handle this and the enrolled students.<sup>1</sup>
  - 4.2. Student matching of transfer courses against articulation file
    - How we address this project will be determined who we are trying to serve. A system for current students will be different from a transfer student system. Current students might be served within the portal but transfer students would be outside the portal.<sup>1</sup>
  - 4.3. Rewrite of teacher education registration
    - Since requirements are changing new code will have to be written<sup>1</sup>.
  - 4.4. Rewrite on-campus housing application process for portal compatibility
    - Pam Beach is the lead person on this project.<sup>1</sup>
5. FY03 Features Needing Prior Planning Before Implementation (in priority order)
  - 5.1. Logon-ULID Group. ULID/Password issues, when?, how soon?, how? Transfer students.
    - Rudy Radosevich and Carolyn Bartlett need to be on this planning committee.
    - It was suggested that this committee form and begin planning early in the fall after the new LDAP schema is in place (September) – other

- suggested areas of representation on this group included the Admissions Office, Extended University, and the Graduate School.<sup>2</sup>
- 5.2. Development of primary faculty/staff info for portal access: benefits, insurance, vacation-medical leave hours, address change, etc.
    - Rick Hamblin is the lead person on this project. Rick's group along with Tom Fowles, Sharon Stanford and Jan Bremner would have to be brought into the planning process.
    - This is related to the planning process in 2.1., and may need to wait until the 2.1. planning initiative is complete<sup>2</sup>
  - 5.3. System for students to indicate a wish list of courses for future semesters (Item 8)
    - This should be brought into the planning phase of 1.2 On-line registrations. Todd Helgeson, Carolyn Bartlett and Dave Leonhard would need to be in the planning process.
  - 5.4. Portfolio planning to look at current plans from COE, co-curricular transcript, history, accounting, etc. and identify a single portfolio solution for the campus that would be part of any students "official" portfolio. Tie this into alumni affairs and placement for their activities as well.
    - The committees currently exploring portfolios should be brought into the planning process.
    - Mark Walbert is heading up a group to study the campus-wide needs for a portfolio solution.<sup>2</sup>
  - 5.5. Large survey package: examine options like IBS, Kana, Prometheus, others for more formal survey needs. Privacy/spamming policy issues also involved with unsolicited requests for survey participation.
    - Mark Troester, Melissa Pitcock and a representative from COB should be part of this group.
    - The current plan is to begin with use of the IBS Survey Channel within iCampus, and then evaluate any remaining survey needs<sup>2</sup>
  - 5.6. Degree audits, Step 2. Begin planning with mainframe resources as to how an interactive, "what if" implementation would work.
    - This is the most difficult project on the list. The rules for a degree audit are a moving target. We may need to rethink how we want to use the degree audit and find a way to parallel On-line registration with the degree audit. Once we have a well-defined plan this could take over a year to implement. The same planning team as 5.3 should be involved with this project.
    - This should be part of the "intuitive registration system" planning efforts in 1.2., also related to 5.3.<sup>2</sup>
6. FY04 Deferred Implementation Issues
- 6.1. Deploy the following from FY03 mainframe work:
    - 6.1.1. View of admissions info.

This is an "out of portal experience"<sup>1</sup>
    - 6.1.2. Matching of transfer courses against articulation file  
This is an "out of portal experience"<sup>1</sup>

- 6.1.3. Add teacher ed registration to the class registration developed in FY03
- 6.2. Provide ULID to open the portal to newly admitted students.
  - This is primarily a policy issue.<sup>1</sup>
- 6.3. Add preferred email addresses for students and parents. These are field that would be added to the pre-admission file and demographic file before appearing in the portal. (Item 3)
  - Rick Gardner and his team will have to address this.<sup>1</sup>
- 6.4. Satisfactory Progress Appeals and Probationary Reinstatement forms online. This is display only and seems very doable.
  - We need a better definition of the project before committing to a time line<sup>1</sup>
- 6.5. Degree audit (DUAD) channel.
  - See 5.6.<sup>1</sup>
- 6.6. Mallard and WebCT interface to the portal.
  - ULID's will have to be pre-populated in Mallard and WebCT. An interface to both programs will have to be written.<sup>1</sup>
- 7. FY04 Deferred Planning
  - 7.1. e-Recruiting. Need to begin planning for an on-campus solution to replace current outsourced solution.
    - Not a portal project.<sup>1</sup>
  - 7.2. Eventual migration of alumni web services from third party to campus supported (Item 22a and c). Alumni email addresses a key issue here.
    - Alumni do not have access to the portal.<sup>1</sup>
  - 7.3. Online ordering or reservation of textbooks (Item 7)

<sup>1</sup> Mark Troester and Todd Helgeson added technical notes. The same personnel will be working on most of the projects and overlapping projects will increase the time needed to complete individual projects. All times are estimates. The Portal Executive committee added comments to section 5.

<sup>2</sup> 8/5/02 updates/revisions by PAWS Oversight Committee and PAWS Executive Committees.