Current UIS Projects and Initiatives [1]

Below, you will find details of all current UIS projects and initiatives in the planning and execution phase. It does not include:

- Projects in the initiation phase
- New UIS project requests are submitted. High-level details are provided to the UIS Leadership, who determine whether the project should move into the planning phase. [2] and closing phase
- The team undertakes the necessary tasks to close the project. This includes, but is not limited to, post-production support, transition to operational service and the collection and analysis of lessons learned. [3]
- version updates
- PUMs
- regular maintenance projects

Questions?

If you have question about a project, click the link under the questions column to email the project manager.
The UIS reorganization and New Service Framework will strengthen campus partnerships to more effectively set strategy and coordinate efforts. In addition, UIS and campus partners will benefit from a holistic view of the delivery pipeline.

This effort was identified as a top opportunity in the department’s organizational maturation as it responds to the speed and quality of expected changes. This effort supports IT Governance’s IT Strategic and Annual Plan efforts.

Planning
Planning Phase
The UIS project team collects and develops necessary information to determine and confirm scope, budget and timeline.

The team then develops project plans to manage time, cost, quality, change, risk and issues, which will guide the team through the project execution and closure phases. [6]

Green Green project status
On-track projects are given green status. These projects are running within budget, timeline or scope. [7]

Contact us [8]
The Advancement Next Generation Donor Management project (Next Gen) is a three-phase, multi-goal, cross-campus plan that will have positive and far-reaching University-wide benefits in efficiency, savings, cost reduction, and increased private support for the University of Colorado (CU). This request is to support years four, five, and six of a nine-year Advancement business strategy that will transform constituent engagement from a disparate, unlinked system to a unified platform while still providing campus and entity Advancement teams autonomy and control.

### Planning Phase

The UIS project team collects and develops necessary information to determine scope, budget and timeline. The team then develops project plans to manage time, cost, quality, change, risk, scope, budget and confirm timeline through the various project phases. TBD

Contact us
This project will more effectively support students throughout their matriculation at CU Boulder. This links to the Chancellor’s retention goals, specifically by fostering student success by engaging campus leadership on campus-wide student retention efforts, and modifying existing IT services (MyCUBoulder/MyCUInfo and various portals) to create a unified one-portal experience for students.

Execution
Phase
The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. 

GreenGreen project status
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Contact us
Summer 2020
The Conflict of Interest (COI) Module, part of the InfoEd suite of eRA applications, is being implemented at the Boulder campus to replace custom software (DEPA) that is at end of life.

This implementation will bring the COI business processes into the InfoEd eRA system and further integrate the COI process with other eRA modules, such as Proposal Tracking (PT), Award Tracking (AT) and Human Subjects (HS), making it easier for the business offices to have visibility into Conflict of Interest through the grant lifecycle.

Execution Phase
The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

GreenGreen project status
On-track projects are given green status. These projects are running within budget, timeline or scope. [7]

Contact us [12]
Fall Online Marketing Campaign (FOMC)

This project is intended to yield additional net new students for Fall 2020 and Spring 2021 identified online programs.

Execution Phase

The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

GreenGreen project status On-track projects are given green status. These projects are running within budget, timeline or scope. [7]

Contact us [13]
This project will allow CU Boulder students to register for classes directly using Leepfrog’s FocusSearch interface, providing a more intuitive experience.

Execution Phase
The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

RedRed project status| Red status is given when an aspect of the project is not within budget and/or is not meeting timeline or scope expectations. Corrective action is required if the project is to meet agreed-upon budget, timeline or scope. [14]
Online MA-TL Degree Phase 1

This project will allow UIS to support CU Boulder in creating a fully online MA in Teacher Leadership. UIS will provide Campus Solutions academic configuration, additional integrations, application load support and configuration, enhanced student portal experience and data collection, payment processing and institutional reporting.

Execution Phase
The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

GreenGreen project status On-track projects are given green status. These projects are running within budget, timeline or scope. [7]

Contact us [16]

Summer 2020
Phase 2.3 will provide additional features to support for Degree Audit and improved efficiency with Coursera.

This project will allow UIS to support CU Boulder in creating a fully online, MOOC based master's degree and certificates in Electrical Engineering using Coursera.

Execution Phase
The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

GreenGreen project statusOn-track projects are given green status. These projects are running within budget, timeline or scope. [7]
This project will support the resolution passed by the Board of Regents in November, 2017. The infrastructure will be a single investment to support all online education initiatives launched by campuses. This infrastructure will connect campus-specific MOOC/LMS systems to CU enterprise systems such as the student information system, degree audit, finance, master data management, and other enterprise-wide systems.

Additional details include:
- One foundation supporting all campuses
- Standardized integration platform
- Automation of processes so less manual intervention and resources are needed
- Pro-actively providing solutions in advance of requests from campuses

Green project status
On-track projects are given green status. These projects are running within budget, timeline or scope.

Contact us
Summer 2020

Initials
RM
IG
CG
JG
GA

The annual Open Enrollment project prepares the Human Capital Management (HCM) system for the employee benefits open enrollment period scheduled for April 20 - May 8, 2020. During this time, more than 25,000 CU employees have the option to make changes to their benefits. Employee Services coordinates all employee communications, carrier fairs and informational sessions on each campus and manages the functional requirements and configurations to accommodate benefits changes in HCM. UIS provides application and system support during the open enrollment period, as well as development and file distribution support for vendor interfaces during the post-open enrollment period.

Execution Phase

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Green

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Contact us
This project will help the Procurement Service Center (PSC) to implement an integrated data mart and interactive dashboard that measures, monitors and manages spend performance. These new tools will drive operational efficiencies and enable a self-service reporting capability across the university.

The interactive dashboard will expedite monthly performance report delivery and reduce time users spend interpreting and reviewing results. Dashboards will:

- Display the data into an easy-to-use visual format
- Summarize spend data in one integrated view
- Eliminate the need to interpret complex, unstructured data sets
- Provide insights with the opportunity to better judge performance and predict results
- Allow end users to visualize department spend data at the line level, in one summarized view or customized to display relevant information

**Execution Phase**

The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase.

Yellow project status is given when some aspect of a project is at risk and may require corrective action to stay within budget, timeline or scope. [20]

Contact us [21]
This project will modernize the university’s Job Changes process by using PeopleSoft-delivered HCM Template Based Transactions. The cross campus HR Services Management Team identified three third-party SmartERP items for removal: ePAR Job Changes, ePAR Pay Rate, and ePAR Leave. These forms from 2015 will be replaced with Template Based Transactions, in addition to a new Auto-Termination process. Removing these transactions shifts the university closer to providing a single user experience when entering HCM transactions, enhances processing time, stabilizes the system, and uses delivered, vendor supported functionality.
**EUE Application Upgrade and Refresh**

This initiative will upgrade the system UIS uses to monitor internal and external web services from multiple locations.

**INITIATIVE SUMMARY**

<table>
<thead>
<tr>
<th>Planning</th>
<th>Green project status</th>
<th>Contact us</th>
<th>TBD</th>
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<td>Planning Phase</td>
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<td>The UIS project team collects and develops necessary information to determine and confirm scope, budget and timeline. The team then develops project plans to manage time, cost, quality, change, risk and issues, which will guide the team through the project execution and closure phases.</td>
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**PHASE**

**HEALTH**

**QUESTIONS?**

**GO-LIVE**
The PeopleSoft CRM application has fallen out of use over time due to the focus on Salesforce CRM, and Oracle's lack of investment in the application. By decommissioning the PeopleSoft CRM application, critical resources can be reclaimed, and PS environments simplified.

Planning
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Yellow project status is given when some aspect of a project is at risk and may require corrective action to stay within budget, timeline or scope. [20]

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<th>INITIATIVE SUMMARY</th>
<th>PHASE</th>
<th>HEALTH</th>
<th>QUESTIONS?</th>
<th>GO-LIVE</th>
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<tbody>
<tr>
<td>Personalized Post-Award Work Center</td>
<td>This initiative will provide the Post Award office with a one stop shop for personalized daily processing, workload management, notifications, and metrics.</td>
<td>Planning PhaseThe UIS project team collects and develops necessary information to determine and confirm scope, budget and timeline. The team then develops project plans to manage time, cost, quality, change, risk and issues, which will guide the team through the project execution and closure phases.</td>
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The move of Advancement to Public Space will have two major benefits:

- Cost savings of about $1,300 a month as it enables Advancement to cut its service from CenturyLink
- Organizational benefit in having Advancement on UIS’ public space rather than its own

**Execution Phase**

The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

**Health**

Green project status. These projects are running within budget, timeline or scope. [7]

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<tr>
<td>Billing Automation Phase II</td>
<td>Campuses have requested process improvements to their current business processes to eliminate inefficiencies. The opportunities for improvement identified will eliminate many manual processes and significantly save time in generating and delivering invoices.</td>
<td>Execution Phase</td>
<td>Green project status</td>
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<td>Contact us [28]</td>
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<td>Campus Solutions GoldenGate to CU Denver</td>
<td>This initiative will deliver specific tables to CU Denver via GoldenGate database replication technology</td>
<td>Execution Phase</td>
<td>Green project status</td>
<td>On-track projects are given green status. These projects are running within budget, timeline or scope. [7]</td>
<td>Contact us [29] TBD</td>
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<td>CIW CU-SIS Campus-Specific Views</td>
<td>This initiative will create CU-SIS campus-specific views in CIW, enabling more campus resources to be able to access data needed for their campus to make important business decisions. A separate CIW access role will be created for each campus (CU Denver</td>
<td>Anschutz Medical Campus, CU Boulder, CU Colorado Springs).</td>
<td>Execution Phase The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase.</td>
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Degree Audit and Transfer Credit (DATC) CIW Staging and Priority Reports

This initiative will source uAchieve DATC and required CU-SIS tables and data into the data warehouse CIW staging layer in order to develop DATC Cognos operational reports identified as having the highest priority.

Execution Phase
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Green Project Status
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Contact us [31] TBD
Electronic Data Exchange (EDX)

This is to support a Colorado Department of Higher Education (CDHE) initiative to electronically share transcripts between Colorado schools. Receiving transcripts in the PESC-standard XML format allows for the expedited ingestion of transcript data into CU-SIS systems for the purpose of admissions and transfer credit decisions. Currently, extracting transcript data for these purposes is a manual process taking up work hours for admissions offices to complete and creating a delay for students to receive pertinent information for their decision to attend the university. Moving to an electronic and automated solution frees up time for Admissions offices while giving prospective students an increased level of service.
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<tr>
<td>eRA Performance Tuning Phase 1</td>
<td>This initiative involves developing more reliable and reusable performance testing scripts. It will also institute EUE scripts for monitor performance experienced on campus. Lastly, it will include an assessment of current data retention in several key parts of the application to understand their impact on overall performance in the eRA (electronic Research Administration) application.</td>
<td>Execution</td>
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<td>Execution Phase</td>
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<td>FIN/ICS Fluid Development POC</td>
<td>This initiative serves to prepare the technical approach for Fluid navigation in ICS and FIN environments prior to the PT8.58 upgrade. PT 8.58 is expected to desupport classic navigation. By preparing technical and development changes, the transition to fluid will be simplified and expedited.</td>
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<td>HCP and GAD Setup</td>
<td>This initiative is part of the larger multi-cloud effort. A portion of this work is a precursor to further AWS capabilities.</td>
<td>Execution Phase</td>
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### Multi-Factor Authentication: Expansion Phase 1

Multifactor authentication (MFA) is a security system that requires more than one method of authentication from independent categories of credentials to verify the user’s identity. The goal of MFA is to create a layered defense and make it more difficult for an unauthorized person(s) access to our enterprise systems.

**Execution**

**Execution Phase**

The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

**Health**

**Green**

**Green project status**

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**Questions?**

Contact us [36] TBD
Nelnet Quickpay Upgrade

This initiative will apply the latest QuickPay platform releases from Nelnet. This will ensure the payment platform is kept current and will allow CU to take advantage of new enhancements.

**Execution Phase**

The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. On-track projects are given green status. These projects are running within budget, timeline or scope. Contact us TBD.
This initiative will:

- Increase UIS processing site bandwidth to campus customers and Internet services.
- Increase 1800 Grant connectivity bandwidth to campus customers and the Internet.
- Replace charge-back MOE connectivity cost from UCD with 10Gb/s private BGP peering on new circuit.
- Allow private peering with UCB/UCCS at 10Gb/s in future at two locations (BGP fail-over).
- Allow bandwidth increase between UIS and our ISP Front Range GigaPop (FRGP) immediately to 1 Gb/s, with easy expansion to 10Gb/s in increments as required in future.
- Remove MOE circuit costs from Hosting.com contract.
- Allow Internet2 (I2) route balancing to maximize bandwidth efficiency.

Network Remediation

**Execution Phase**

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**Green Project Status**

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Contact us [38]

TBD
R25 Upgrade to Lynx

The vendor of the R25 application, CollegeNet is moving to an upgraded platform, Lynx. Moving to this platform is required for ongoing support and new features. This application provides room scheduling capability for CU-SIS Campus Solutions, with a bi-directional interface that processes course catalog information and updates room assignments in CS.

**Execution Phase**
The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [10]

**Health**
Green

**Questions?**
Contact us [39]

**Project Criteria**

**Level of effort:** 350+ hours of work (between both planning and execution phases)

**Complexity:** Cross team interdependent (5+ teams needed)

**Risk:** Work poses a significant risk to the organization

**Managed by:** Project Managers
Initiative Criteria

Level of Effort: 40+ hours of work

Complexity: Coordination across teams; new technology to UIS

Risk: Work has a future deadline aiming for but has flexibility; target deadline is one quarter away at minimum

Managed by: ADs/Managers

Groups audience: University Information Services

Source URL: https://www.cu.edu/uis/current-uis-projects-and-initiatives

Links
[5] https://www.cu.edu/uis-glossary/project-health
[7] https://www.cu.edu/uis-glossary/green-project-status
[8] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20New%20Service%20Framework%20project
[9] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20NextGen
[10] https://www.cu.edu/uis-glossary/execution-phase
[12] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20eRA%20COI%20Module%20project
[13] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20FOMC
[14] https://www.cu.edu/uis-glossary/red-project-status
[15] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20Leepfrog%20project
[16] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20Online%20MA-TL%20Degree%20project
[17] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20Online%20MS-EE%20Degree%20project
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[19] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20Open%20Enrollment%20project
[20] https://www.cu.edu/uis-glossary/yellow-project-status
[21] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20PSC%20Data%20Mart%20project
[22] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20ePARJobChanges
[23] mailto:angelica.throckmorton@cu.edu?subject=Question%20about%20Automated%20Updates%20to%20Primary%20Indicator
[24] mailto:manali.agrawal@cu.edu?subject=Question%20about%20EUE%20Application%20Upgrade%20and%20Refresh