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.
- 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.
- version updates
- PUMs
- regular maintenance projects

Questions?

If you have a question about a project, click the link under the questions column to email the project manager.

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(DURING EXECUTION)
This project will build the foundation of cloud infrastructure - specifically on AWS - in which future production and non-production workloads can successfully operate in a secure, reliable, and performant manner. The adoption of cloud infrastructure is identified within the UIS MultiCloud Phase 1 and 2 goals as well as supports UIS strategic goals aligned to overarching University initiatives.

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. This project is now on hold.

Contact us [7] Spring 2022
This project will ensure, thru a series of tasks and tests, that campuses can perform normal day-to-day operations while enterprise systems process heavy loads during semester start-up.

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.

Green

Green project status

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

Contact us

Fall Semester Start 2022

Fall 2022
Regulatory updates are applied to ensure that CU is compliant with core HCM functionality.

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. [6]

Green project status
On-track projects are given green status. These projects are running within budget, timeline or scope. [9]

Contact us

Summer 2022
ICS/HCM Upgrade

This project ensures the PeopleSoft Campus Solutions and HCM applications are up-to-date and staying within vendor support.

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. [6]

Green project status

On-track projects are given green status. These projects are running within budget, timeline or scope. [9]

Contact us

Fall 2022
The implementation of PeopleSoft Time and Labor will allow CU to replace the current and difficult-to-support custom-built MyLeave application. PeopleSoft Time and Labor will provide a robust stable platform that is supported by the vendor, is fully integrated with PeopleSoft HCM including payroll for North America as well as fluid mobile capabilities. Regulatory and legislative changes will be provided by PeopleSoft to ensure compliance.

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. [6] 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. [13]

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The release is focused on stability, bug fixes, and enhanced configuration tools that should lead to reduced internal support tickets, increased security, and improved user experience. The timing of this upgrade also allows us to stay on a cadence of regular upgrades.

Execution Phase
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Green project status
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Contact us
Summer 2022
The MultiCloud Database project involves acquiring technology resources to configure additional database clusters, which will replicate data and provide failover capabilities in the event of major site disruptions. This project also will reduce downtime during select maintenance activities.

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. [6]

Green project status
On-track projects are given green status. These projects are running within budget, timeline or scope. [9]

Contact us
Spring 2022
The UIS reorganization and New Service Framework will strengthen campus partnerships to more effectively set strategies and coordinate efforts. In addition, UIS and campus partners will benefit from a holistic view of the delivery pipeline.

The Intake and Demand Management stage is anticipated to yield greater visibility of resource utilization and allocation; consistent and repeatable intake processes for clients; work prioritization processes; and greater UIS team member engagement.

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 project through the project execution and closure phases.

Yellow status is given when some aspect of a project is at risk and may require corrective action to stay within budget, timeline or scope. Contact us Summer 2022
The annual Open Enrollment project prepares the Human Capital Management (HCM) system for the employee benefits open enrollment period scheduled for April 18 - May 6, 2022. During this time, more than 25,000 benefits-eligible, active CU employees and retirees have the option to make changes to their benefits. Employee Services coordinates all employee communications, carrier fairs and informational sessions live or virtually, advises on the HCM functional and configuration requirements, and manages the file transmissions to the providers. UIS provides application and system development and support before and during the open enrollment period, during the payroll testing and production payroll processing period, QA test coordination and support, and the development of and file distribution support for vendor interfaces during the post-open enrollment period.

**Execution Phase**

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**Green project status**

On-track projects are given green status. These projects are running within budget, timeline or scope.
The Social Security Number (SSN) is a critical data field for such core business activities as admissions, securing and guaranteeing financing, tax reporting and producing transcripts. This information is also a high-value target for hackers and a risk to the university if our systems were to be compromised.

This project aims to evaluate the uses of SSNs within student systems and focus on the reduction of this SSN risk by means of purging, archival, encryption, obfuscation and/or other technical solutions.

**Execution Phase**

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**Green project status**

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Contact us [19]

Spring 2023
This project represents the work to implement a new UIS Product, a Tableau Server, as an enterprise visualization tool. This enables UIS to provide a customer platform for direct use while paving the way for UIS to include this product in support of its UIS Data Management service.

Execution Phase

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Green project status

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Phase I of this cybersecurity project includes the implementation of new firewalls and management tools to protect our network, users and data from continually evolving threats. Firewall protection is just one element of our cybersecurity strategy. This project lays the foundation for additional security projects with the shared goal of providing broad, automated and integrated protections from digital attacks and cybercrime.

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. [6]

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Yellow

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Phase II of this cybersecurity project includes the implementation of Intrusion Prevention System (IPS) firewall management tools to protect our network, users and data from continually evolving threats.

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. [8]

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Yellow project status
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Salesforce's Student Success Hub (SSH) and supporting applications will replace Starfish and other tertiary processes for appointment scheduling, advising, and early alerts for UCCS. This will benefit faculty, staff, and students through process automation, consolidation of separate systems, and personalized communications to students. It will also help provide a 360-degree view of the student life-cycle.

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 execution of the project to determine necessary information. Green project status on-track projects are given green status. These projects are running within budget, timeline or scope.

Contact us Fall 2022
Replace the current pre-award proposal review and approval process in the Office of Contracts and Grants (OCG) with an InfoEd eForm and routing process. The current process, while automated, does not integrate with InfoEd and requires re-keying data collected during routing and approval to create a proposal record. Implementing PD means that the same process of proposal routing and approval is not only automated but will save the need to re-key data into InfoEd, creating efficiencies and reducing the duplication of effort.

The implementation of PD on the Boulder campus will have the following benefits:

- Streamline the intake process for new proposals from departments to the business office
- Provide a secure, integrated version of routing forms
- Provide a smart proposal form with tiered logic based upon response to questions; shortens the form for many and can ensure routing does not occur until required questions are complete
- Reduce data entry and potential for errors
- Provide for routing of other forms (e.g., indirect cost addendums, NASA China Assurance) through InfoEd rather than PDFs collected through email
- Provide real-time data and information on proposals currently being developed with PIs
- Leverage existing purchased software (InfoEd) and more fully integrate the existing and in-use modules with PD

**Boulder Proposal Development**

**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 change, risk and issues, which will guide the team through the project execution and closure phases.

**Green project status**

On-track projects are given green status. These projects are running on-track within budget, timeline or scope. Contact us [24] TBD
Cherwell Upgrade
This initiative enables CU to stay current on Cherwell releases and upgrade to a version that supports modern authentication to Exchange online.

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 occurs during the execution phase.

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

Contact us
TBD
The CIW Character Set Conversion project will enable the UIS team to properly represent the data made available to customers via the CIW database. Currently, the character sets in the CIW database and its non-production versions are only able to represent the first 128 single-byte characters that occur in our current data (Western European) character set. Expanding the database to use multi-byte characters (1-4 bytes per character) will enable us to render and display many additional characters, which we have in our data but don't have the ability to display properly.

**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. [6]

**Green Project Status**
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The purpose of this initiative is to include more grants data in Central Information Warehouse (CIW) so that the Grants Users can have access to the data consistently across the different data sources available now. This will also help with new reporting requirements.

Execution Phase

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Green project status

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Contact us [25]

TBD
DATC Event-Driven Audits

This initiative will automate the generation of degree audits. Changes to degree requirements (degree audit encoding) and student-record-related changes, such as enrollment and grades, will trigger a new audit. The automation of degree audits will:

- Guarantee a student's current, up-to-date audit is always available for students and advisors.
- Lay the foundation needed for DATC's Data Mart and the active use of degree audit data.

**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. [8]

**Green Project Status**

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Contact us [27]
Campuses are exploring third-party alternatives to the current PeopleSoft Student Portal, including purchasing solutions outside of the UIS catalog. In order to provide a better, sustainable solution, the plan is to work with CU Denver/Anschutz to craft a new, decoupled Portal experience following Mobile First and WCAG accessibility standards - and provide a fresh, intuitive experience for students that helps them understand what they need to do as they proceed through their academic career. This decoupled Portal is also expected to provide greater autonomy and administrative control to the campuses while also allowing UIS to "own" the code and have greater flexibility in building out future features or alterations compared to a licensed solution.

Planning Phase

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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. [13]

Contact us [28]
The eComm/Pharmacy Support Transition will migrate ongoing support and billing for Salesforce (CRM03), Marketing Cloud (MC03), and Cvent environments from the CU Boulder Web and Enterprise CRM team to the UIS CRM team.

The CU Boulder Web and Enterprise CRM team will partner with both the eComm/Pharmacy teams and the UIS CRM team to ensure that the transition approach is collaborative and strategic while occurring with no anticipated disruption of service for eComm/Pharmacy users.

Since eComm is an enterprise initiative, providing support at the system level will allow for a campus-neutral, transparent approach to day-to-day management and an increased enterprise focus toward future state and ongoing enhancements based on CU’s broader CRM landscape.

In addition, aligning Salesforce, Marketing Cloud, and Cvent with other CRM-related initiatives in UIS will allow for increased strategy, enhanced knowledge-sharing and alignment, and potential cost savings and transparency related to enterprise contract management.

**Execution Phase**

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

Contact us}

[29] TBD
The current System Administration file server is nearing capacity and running on Windows Server 2012 R2. The operating system will need to be upgraded to maintain support. The upgrade will also provide high availability of the file server data and additional disk space for future expansion opportunities.

**Planning Phase**

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**Green Project Status**

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PeopleSoft Project Costing keeps all life-to-date transactions for each project in the PROJ_RESOURCE table. This results in a high volume of data which creates downstream impacts like long-running nightly jobs, backups, and processes that use Proj_Resource data. Use of the older data is expected to be minimal, data needs to be retained per campus retention requirements. Data beyond standard retention requirements exposes CU to risks due to its availability in the systems as well as from an audit standpoint.

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. [8]

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The Federal Financial Reporting process is currently very manual, and there are many submitted each year. Our goal is to help reduce the manual workload by providing system validation checks, summary, and detailed level transaction information needed for Reporting in a single tool. The current process has our users going to multiple locations and running multiple reports/queries to verify and pull all of the information needed. With the tool, we would like to build we hope to significantly reduce the number of places and reports needing to be run to create these reports and provide these reports to the Award Sponsors.

Execution Phase
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Green project status
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We are ensuring all applications and email accounts are ready to use modern authentication prior to Microsoft’s disablement of older authentication methods.

Planning Phase

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Yellow status is given when some aspect of a project is at risk and may require corrective action to stay within budget, timeline or scope. [13]

Contact us [31]

Fall 2022
The most important business value aspect of this initiative is that we will be upgrading from a version that will no longer be supported after the end of June to the latest supported version of PingFederate.

**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. [6]

**Green project status**

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Contact us [32]
PMO Training on Initiative Process

Provide initiative process and PMO training that will allow PMO team members to provide support as needed.

Planning Phase
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Green project status
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Contact us [16]
The PSC needs a ticketing solution to manage the high volume of requests the PSC agents receive. With Cherwell retiring, they would like to implement Salesforce as the replacement due to the level of customization and effectiveness that the tooling offers.

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. [8]

Green project status

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Contact us [33]

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] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20AWS%20Foundations%20project
[8] https://www.cu.edu/uis-glossary/planning-phase
[9] https://www.cu.edu/uis-glossary/green-project-status
[10] mailto:uis_pmo@ad.cu.edu?subject=Question%20about%20Fall%20Semester%20Start%202022%20project
[11] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20the%20HMC%20Patching%20project
[12] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20the%20ICS%20FHC%20upgrade
[13] https://www.cu.edu/uis-glossary/yellow-project-status
[14] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20PeopleSoft%20Time%20and%20Labor
[15] mailto:uis_pmo@ad.cu.edu?subject=Question%20about%20the%20InfoEd%20upgrade
[16] mailto:angelica.throckmorton@cu.edu?subject=Question%20about%20Automated%20Updates%20to%20Primary%
[17] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20New%20Service%20Framework%20project