Current UIS Projects and Initiatives

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.
  - 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.

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>PROJECT SUMMARY</th>
<th>PROJECT PHASE</th>
<th>PROJECT HEALTH</th>
<th>QUESTIONS?</th>
<th>GO-LIVE</th>
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<tr>
<td></td>
<td></td>
<td>The project phase</td>
<td>The project health</td>
<td>(DURING EXECUTION)</td>
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</tbody>
</table>
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.

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]

GreenGreen project status

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

Contact us [8] TBD
The current version of Drupal (D8) currently supporting online.cu.edu will discontinue on Nov. 2, 2021, posing a significant risk to functionality and security. The new site will offer greater stability, flexibility, scalability and security. Pages will be rebuilt to support new data filtering requirements and new functionality in updates made following the launch of the new site. Note: The Project Value statement will be refined during planning to outline the business value by working with the UIS Communications team.

**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. **[9]**

**Green project status**

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

**Contact us** **[8]** TBD
The Office of Digital Education is partnering with UCCS to increase market share for selected UCCS programs. The partnership between ODE and UCCS will allow for additional investment in marketing and recruitment functions, which will in-turn increase applications & enrollments. Additional online programs for UCCS will be moved to this solution over time.

### 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]

| CU Online: ODE and UCCS | On Hold | Contact us [8] | TBD |
This UIS project provides the underlying technical support to help the Office of Digital Education (ODE) lay the foundation to achieve its mission of supporting students attending CU 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 occur during the execution phase. Corrective action is required if the project is not within budget or meeting timeline or scope expectations. Corrective action is required if the project is not within budget or meeting timeline or scope expectations.

**Red Project Status**

Red status is given when an aspect of the project is not within budget and/or is not meeting timeline or scope. Corrective action is required if the project is to meet agreed-upon budget, timeline or scope.

Contact us [TBD]
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 load during semester start up.

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

**Contact us**
TBD
The InfoEd release will provide stability, bug fixes, and enhanced configuration tools to reduce internal support tickets, increase security and improve user experience. The timing of this upgrade also allows us to achieve a cadence of regular upgrades.

**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. [9]

**GreenGreen project status**
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**Contact us** [8] TBD
InfoEd Integration with OnBase

UIS will be migrating InfoEd documents into OnBase for the Office of Contracts and Grants at CU Denver|Anschutz Medical Campus. Loading documents into OnBase will give users the option to leverage business process value from implementing OnBase workflow management. Users will still have access to documents through InfoEd. The InfoEd database is currently significant and growing. Migrating documents out of the InfoEd database provides a long-term solution for document storage and retrieval. This is expected to improve the architectural stability of the InfoEd application and reduce database maintenance and support efforts.

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. Corrective action is required if the project is not meeting timeline or scope expectations. Red status is given when an aspect of the project is not within agreed-upon budget, timeline or scope.
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. [9]

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. [11]
The goal of Multi-factor authentication (MFA) is to create a layered defense and make it more difficult for an unauthorized person(s) to gain access to our System office enterprise resources. MFA is a security system that requires more than one method of authentication from independent categories of credentials to verify the user’s identity. Multifactor authentication combines two or more independent credentials: What the user knows (password), and what the user can verify (security token challenge).

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. [9]

GreenGreen project status

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

Contact us

TBD
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 ($1.45 Billion Endowment; $566 million contributions in FY 2019) 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 / entity Advancement teams autonomy and control.

**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. [9]

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

**Contact us**
TBD

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**NextGen Donor Management Project Sprints**
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.

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

Contact us
Fall 2021
Moving from PeopleSoft's Classic navigation to the new, modern, Fluid navigation has a host of benefits including usability, accessibility, mobile-friendly, and active support and feature development from the vendor. In restructuring the navigation of Campus Solutions within the Fluid framework, we have the opportunity to streamline campus department workflows, reducing clicks between frequently used pages while making navigation more intuitive. Moving to Fluid navigation also keeps us within vendor support and positions ourselves to be able to take future 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. [9]

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

Contact us
Fall 2021
CU People

MDM System Replacement

CU People matches person records across systems. The current technology is 10 years old. By upgrading the internal matching and database software, we will be able to greatly improve search/matching performance and quality. Modern database software will also be available 24/7 so that matching capabilities are extended to online education and other cloud services.

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. These projects execute with a plan that includes budget, timeline or scope. Green project status on-track projects are given green status. These projects are running within budget, timeline or scope.

Contact us

Spring 2021
UCCS was selected to be an early adopter of Salesforce's new Admissions Connect product, and the project is a key step in CU's journey to serve the full constituent lifecycle from recruiting and admissions to ensure student success and to best support advancement, donor management, and alumni engagement on one platform.

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.

Contact us
Spring 2021
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.

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. [9]

GreenGreen project status On-track projects are given green status. These projects are running within budget, timeline or scope. [7]
This project represents the work to implement a new UIS Product, a Tableau Server as an enterprise visualization tool. Currently, CU Denver and CU Boulder have campus-based licenses, which we are porting over to System so all campuses may use this service. 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.

### Initiative Table

<table>
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<tr>
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<th>INITIATIVE SUMMARY</th>
<th>PHASE</th>
<th>HEALTH</th>
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</thead>
<tbody>
<tr>
<td>Tableau Enterprise</td>
<td>This initiative is the first step in a phased approach to replace EM App with HCM features and functionality. Moving these activities into HCM will: reduce (and eventually eliminate) UIS DBA support of this Access database; allow functional user configuration to support timely updates and changes; leverage HCM development resources to support future business need expansion.</td>
<td>Execution</td>
<td>Red Red</td>
<td><a href="#">Contact us</a></td>
<td>Summer 2021</td>
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<tr>
<td>EM App Replacement Phase 1</td>
<td>This initiative is the first step in a phased approach to replace EM App with HCM features and functionality. Moving these activities into HCM will: reduce (and eventually eliminate) UIS DBA support of this Access database; allow functional user configuration to support timely updates and changes; leverage HCM development resources to support future business need expansion.</td>
<td>Planning</td>
<td>Yellow</td>
<td><a href="#">Contact us</a></td>
<td>TBD</td>
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**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.

**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.

**Green** status is given when all aspects of the project are within budget, meeting timeline and scope expectations.

**Contact us**

[8] Green

[9] Green

[10] Red


[12] Red
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<th>Phase</th>
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<th>Go-Live</th>
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<tr>
<td>OSB Upgrade</td>
<td>Oracle Service Bus (OSB) delivers low-cost, standard-based integrations for mission critical service-oriented architecture (SOA) environments where extreme performance, scalability and reliability are critical requirements. The current OSB is 8 years old, is becoming obsolete and new technologies cannot natively connect to it. The updated version will be faster, more reusable and can be maintained in the future.</td>
<td>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.</td>
<td>Yellow Yellow project status 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.</td>
<td>Contact us TBD</td>
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<td><strong>Sunapsis</strong></td>
<td><strong>Stack Modernization</strong></td>
<td>Planning Phase</td>
<td>Red</td>
<td>[6]</td>
<td>Contact us TBD</td>
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This initiative is to upgrade Sunapsis and its servers to the latest versions for all non-production and production environments. These activities are required to maintain ongoing vendor support, including regulatory compliance updates and feature enhancements, for the application and underlying infrastructure.
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<td>OUD Replacement of OID</td>
<td>Oracle Internet Directory (OID) is upgrading to Oracle unified Directory (OUD) for a lighter weight and easy to configure technology to store user Cognos groups, CIW users and test accounts. This is the future direction for Oracle's directory services both for broad ISV interoperability and adoption by Oracle's many applications. We will then be able to more easily manage the OUD software for quicker turn around times for our customers using it. The end-user shouldn't notice any differences. However, any application that integrates directly with OID will have to change their configuration to use OUD instead of OID.</td>
<td>Execution Phase</td>
<td>Green project status</td>
<td>[9]</td>
<td>TBD</td>
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<td>Contact us</td>
<td>[12]</td>
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<td>This initiative will develop a proof of concept to determine if test cases can be automated in the PTF for Grants module. If successful, automating the module's most common processes and transactions will eliminate the need for manual testing. Newly automated tests could be run frequently and used for regression testing after changes are introduced. This will also allow subject matter experts to focus on higher value manual testing.</td>
<td>Execution Phase</td>
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<td>Windows Domain Controllers Upgrade</td>
<td>The purpose of this initiative is to upgrade all CU domain controller’s operating systems to most current Windows server version. We will also upgrade the domain functional level to support currently unusable features in applications. This will also address upcoming end-of-life support for the current domain controllers.</td>
<td>Execution Phase</td>
<td>Green project status On-track projects are given green status. These projects are running within budget, timeline or scope.</td>
<td>Contact us [15]</td>
<td>TBD</td>
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<td>Windows Server Upgrade</td>
<td>This initiative will upgrade and replace all Windows Server 2012 R2 servers due to upcoming end-of-life support. This will remove any security concerns of non-supported older servers, free up infrastructure resources, maintain an up-to-date listing of current objects in Active Directory and enable quicker provisioning of resources.</td>
<td>Execution Phase</td>
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<td>Cherwell Upgrade to 10.2</td>
<td>This initiative enables CU to stay current on Cherwell releases and upgrade to a version that supports modern authentication to Exchange online.</td>
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<td>Central Information Warehouse Grants Management Data - Phase I</td>
<td>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 source available now. This will also help new reporting requirements.</td>
<td>Execution</td>
<td>Green project status</td>
<td>On-track</td>
<td>TBD</td>
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<td>CU-SIS CU Boulder NameCoach</td>
<td>CU Boulder purchased the NameCoach software (e.g. recording name pronunciation) and this is already integrated into their Canvas learning management system. To continue improving the student, faculty and staff experience, this initiative will integrate this with the student information system (CU-SIS) and BuffPortal.</td>
<td>Execution Phase</td>
<td>Green</td>
<td>Contact us</td>
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- **Execution Phase**
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<td>eRA Performance Tuning - Phase 1</td>
<td>This initiative will involve 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 Phase</td>
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### 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%20FOMC
[9] https://www.cu.edu/uis-glossary/execution-phase
[10] https://www.cu.edu/uis-glossary/red-project-status
[12] mailto:angelica.throckmorton@cu.edu?subject=Question%20about%20Automated%20Updates%20to%20Primary%
[13] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20AWS%20Foundations%20project
[14] mailto:uis_pmo@ad.cu.edu?subject=Questions%20about%20New%20Service%20Framework%20project
[15] mailto:phillip.curry@cu.edu?subject=Questions%20about%20NameCoach%20Initiative