

| Name | Description | Business Benefits | NUIT Team | State | Health | Planned Start | Planned Finish | L3 Committee | Bus. Cap. Alignment | Number |
|--|--|---|-----------|-------------|---------|---------------|----------------|------------------------|---|--------|
| Admin Dashboard - FSM Implementation | Implement existing Admin Dashboard functionality for Feinberg School of Medicine. Identify and apply appropriate configuration and data anomalies. Coordinate change management, testing, rollout with FSM business partners. Integrate FSM representatives into governance bodies. | Expands use of institutional data definitions, business process rules and KPIs to a wider school audience. | AS_DMA | Request | On Plan | 1/1/2020 | 4/30/2020 | | Service - Information Mgmt - Analysis & Reporting | 1,002 |
| Admin Dashboard - Student data | Add student (grad/undergrad) worksheets to the Administrative Dashboard in collaboration with WCAS and MCC leadership. Development of detailed requirements are included in project scope. | | AS_DMA | Not Started | On Plan | 9/3/2019 | 8/31/2020 | | Student - Support - Student Life | 932 |
| Administrative Dashboard Phase 2 | Expand the scope of the Weinberg/McCormick dashboard to include data on student enrollment and financials. | This dashboard will answer a long-standing problem for schools of how to assemble a broad array of business metrics into an easy-to-digest set of reports that are up to date and comprehensive. It may also replace the core of the Program Review data set, which is currently assembled as a point in time data set for a unit every 7 years. | AS_DMA | In Progress | On Plan | 9/12/2018 | 9/17/2019 | Information Management | Service - Information Mgmt - Analysis & Reporting | 309 |
| Advising System Replacement or Upgrade | The AdviseStream contract ends in summer 2020. Evaluation of whether to continue with Civitas or choose an alternative vendor is required. Initial effort may be required in FY19 for discovery and requirements. | | AS_ESHRS | In Progress | On Plan | 6/3/2019 | 8/31/2020 | Student IT Experience | Teaching & Learning - Learn - Advising | 876 |
| Alumni Technical Debt | This project is to reduce technical debt accumulated by deployed solutions. Key areas to address include: - Replace custom .Net middleware used to synchronize CATracks with Our Northwestern (Total 150 hrs per integration). - Migrate processes currently running on premise Jenkins instance to comply with AS standards. - Barcode rewrite in Java - Adding logging to webservice -Data Validation Library (DMA Resource Request) - Infrastructure Changes (such as •Subversion Source Control consolidation; Subversion upgrade) -- Cloud Ops Request of 80 hours) -Remaining work from the Club Following Automation (Retest the move from Dev to UAT, using Brents proposal). | This project will reduce technical (Developer and Analyst) resource cost that currently is used to mitigate production support issues. It will also eliminate risk of potentially breaking functionality that we do not have the skill set to support. There may be potentially to include ARD business benefits where possible (Such as pulling additional data from iModules to Catracks when rewriting the integrations). | AS_ADO | Request | On Plan | 2/1/2020 | 8/31/2020 | Alumni and Development | Organization - University Outreach - Fundraising | 816 |

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| Annual 1095 | Annual 1095. ACA document for employees | Sent to employees to confirm Benefit coverage | AS_ESHRS | Request | On Plan | 10/1/2019 | 1/15/2020 | Human Resources | Employment - LifeCycle - Benefits Mgmt & Work/Life | 801 |
| Annual 1098-T Box 1 Payment Reporting Updates | This is required every year. Analysis and requirements will need to start in summer of 2019, and results are to be completed in FY20 (January 2020) to meet federal regulations. We anticipate this effort will be smaller than last year due to the improvements we made in CAESAR to use delivered rather than custom functionality. | | AS_ESHRS | In Progress | On Plan | 7/16/2019 | 2/20/2020 | Student IT Experience | Student - Support - Student Finance | 791 |
| Annual 1098-T Box 1 Payment Reporting Updates for FY21 | This is required every year. Analysis and requirements will need to start in summer of 2020, and results are to be completed in FY20 (January 2021) to meet federal regulations. We anticipate this effort will be smaller than last year due to the improvements we made in CAESAR to use delivered rather than custom functionality. | | AS_ESHRS | Request | On Plan | 7/15/2020 | 2/15/2021 | | Student - Support - Student Finance | 996 |
| Annual 1099 Updates | Update of processes and data required to prepare the 1099s for the 2019 tax year. | | AS_ESAF | Request | On Plan | 11/4/2019 | 1/31/2020 | Finance | Service - Financial Mgmt - Financial Accounting | 778 |
| Annual Audit for ESAF Systems | Project to track efforts associated with the annual audit of system associated with the ESAF systems. | | AS_ADO | Request | On Plan | 6/1/2020 | 8/31/2020 | Finance | Service - Financial Mgmt - Financial Accounting | 783 |
| Annual Audit for HR Systems (FY20) | Annual Access Internal Audit to validate access to myHR and related HR systems. The focus is on confirming those users that have elevated access. | Annual Audit Process. | AS_ESHRS | Request | On Plan | 5/1/2020 | 6/30/2020 | Human Resources | Employment - LifeCycle - Workforce Mgmt | 812 |
| Annual Audit Work for Student Enterprise Systems (FY20) | This project represents the annual effort required to audit user access permissions to CAESAR. | | AS_ESHRS | Request | On Plan | 4/1/2020 | 8/31/2020 | Student IT Experience | Student - Support - Student Life | 787 |
| Annual Benefits Open Enrollment for FY20 | Annual Benefits Open Enrollment | Allow employees to select annual benefits | AS_ESHRS | In Progress | On Plan | 7/3/2019 | 2/27/2020 | Human Resources | Employment - LifeCycle - Benefits Mgmt & Work/Life | 803 |
| Annual Budget Prep for FY21 | Maintenance project to prepare NUPlans for the FY21 Budgeting process. | | AS_ESAF | Request | On Plan | 12/1/2019 | 5/31/2020 | Finance | Service - Financial Mgmt - Budget & Planning | 779 |
| Annual Financial Aid Processing 2020-2021 | This project represents a large amount of central coordination, service, and development work for the University-wide Financial Aid processing. | | AS_ESHRS | Not Started | On Plan | 9/1/2019 | 10/15/2020 | Student IT Experience | Student - Support - Student Finance | 788 |
| Annual GL Calendar Year End | Annual GL Calendar Year End | | AS_ESHRS | Request | On Plan | 12/1/2019 | 1/31/2020 | Human Resources | Employment - LifeCycle - Comp & Merit Planning | 800 |
| Annual Grad Student Interface FYE20 | Annual Grad Student Interface | This is a operational project that is required as part of ongoing business. This ensures pay entered into SES for Graduate Students are interfaced into myHR and paid properly. | AS_ESHRS | Request | On Plan | 8/1/2020 | 9/30/2020 | Human Resources | Employment - LifeCycle - Workforce Mgmt | 811 |

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| Annual Graduate Student Update/Interface for FY19 into FY20 | Process the current annual graduate student interface with no changes or enhancements. | This is a operational project that is required as part of ongoing business. This ensures pay entered into SES for Graduate Students are interfaced into myHR and paid properly. | AS_ESHRS | In Progress | On Plan | 4/8/2019 | 10/1/2019 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 404 |
| Annual myHR Learn Performance Excellence (PEX) Proof of Concept Config for 2019-2020 | Set up annual performance excellence process in myHR Learn for FY19 - FY20. This includes POC changes to the goal reporting and review form. Actual config of the performance cycle will occur in a separate project. | This is a operational project that is required as part of ongoing business. This allows the ability for managers to complete current reviews and employees to set up performance goals for the following performance year. | AS_ESHRS | In Progress | On Plan | 4/8/2019 | 9/19/2019 | Human Resources | Employment - Develop - Performance Mgmt | 421 |
| Annual myHR Learn PEX 2019-2020 Review Form Set-up | Set-up of the Review for 2019-2020 (Annual myHR Learn PEX 2019-2020 Review Form Set-up) | Support annual Performance Excellence Process | AS_ESHRS | Request | On Plan | 11/1/2019 | 12/15/2019 | Human Resources | Employment - Develop - Performance Mgmt | 810 |
| Annual myHR Learn PEX 2020-2021 Goals & Review Form Set-up | Set-up of the Review for 2020-2021 Annual myHR Learn PEX 2020-2021 Goals & Review Form Set-up. Note: Depending on future business decisions, this project may start in FY21. As there is not a decision at this time, we are including it for consideration in the FY20 portfolio. | Support Annual Performance Excellence Process | AS_ESHRS | Request | On Plan | 7/1/2020 | 8/31/2020 | Human Resources | Employment - Develop - Performance Mgmt | 863 |
| Annual Payroll (GL) Fiscal Year End for FY19 into FY20 | Annual payroll & general ledger project at fiscal year end to confirm the split payroll; includes the outstanding production fixes. | This is a operational project that is required as part of ongoing business. This verifies that the split of the general ledger happens between fiscal year (so that the current amount of salary charges split between the FYs). | AS_ESHRS | In Progress | On Plan | 6/10/2019 | 9/12/2019 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 412 |
| Annual Payroll (GL) FYE FY20 | Annual Payroll (GL) Fiscal Year End | Year End Process for GL. | AS_ESHRS | Request | On Plan | 8/1/2020 | 10/30/2020 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 802 |
| Annual Salary Planning Load | Annual Salary Planning | Support FY20 Salary Planning Cycle to Plan Merit Increases for Faculty and Staff. | AS_ESHRS | Request | On Plan | 3/1/2020 | 8/30/2020 | Human Resources | Employment - LifeCycle - Comp & Merit Planning | 804 |
| Annual Space Validation Support for FY20 | Planning and support in preparation for Facilities Space Validation Process | | AS_ESAF | Request | On Plan | 3/1/2020 | 8/31/2020 | Facilities | Service - Campus Mgmt - Space Planning & Mgmt | 781 |
| Annual Student Admissions and Test Score Feed Updates | This project covers the small change work that has been requested historically for admissions and test scores. Actual dates depend partially on vendors. •Changes to admissions systems require changes to fields/values in data feeds to CAESAR •Various Test Score providers modify format/fields/data being sent to CAESAR | | AS_ESHRS | Request | On Plan | 10/1/2019 | 6/30/2020 | Student IT Experience | Student - Support - Student Life | 839 |
| Annual Student Loan Processing 2020-2021 | Setup and Testing for annual changes and testing. This project requires cross-team and business partner coordination among AS-ESHRS, AS-ADO, Student Finance, and Financial Aid. | Required annual setup and testing to support student loan application and processing. | AS_ESHRS | Request | On Plan | 3/1/2020 | 6/30/2020 | Student IT Experience | Student - Support - Student Finance | 918 |

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| Annual Student Setup and Configuration | This project represents work that has been required historically to support SHIP, Registrar's office, Canvas, CTEC, and Terra Dotta among others. | Timely resolution and flexibility to address small to medium enhancements or issues raised by RO, Advising, etc. | AS_ESHRS | Request | On Plan | 12/1/2019 | 8/31/2020 | Student IT Experience | Student - Support - Student Life | 840 |
| Annual System Updates for Facilities Connect | Apply system updates to Facilities Connect | | AS_ESAF | Request | On Plan | 6/1/2020 | 11/30/2020 | Facilities | Service - Campus Mgmt - Operate & Maintain | 782 |
| Annual System Updates for NUPlans | Annual process to apply system updates to NUPlans | | AS_ESAF | Request | On Plan | 1/6/2020 | 3/31/2020 | Finance | Service - Financial Mgmt - Budget & Planning | 780 |
| Annual W2 | Annual W2 | Compliance | AS_ESHRS | Not Started | On Plan | 10/15/2019 | 1/31/2020 | Human Resources | Employment - LifeCycle - Comp & Merit Planning | 799 |
| API Service Registry - Version 2 | Our cloud provider, Apigee, is releasing a new version of the API Portal (API Service Registry). We would move over to the new platform. Benefits gained from moving include: - SAML authentication (end-users can log in using Web SSO, instead of just email address, increased security) - Dev/Test and Production environments. Currently we only have a production environment - Improved OpenAPI documentation Apigee will have a migration script available either Q1 or Q2 2019, and we would start this project after that is available. | Compliance/Support; SAML - better security. | AS_DMA | In Progress | On Plan | 2/4/2019 | 10/18/2019 | AS Leadership | Service - Information Mgmt - Solution Delivery | 427 |
| Automate API Creation | Automate steps taken by the I&A team and producers to create new API's. | Minimize manual steps that API producers and I&A team takes to create API's. This will reduce time and cost of creating API's, and allow for overall faster development. This will also standardize the API creation process, which will give correct naming standards and lead to less errors and rework. | AS_DMA | Not Started | On Plan | 9/9/2019 | 12/31/2019 | AS Leadership | Service - Information Mgmt - Solution Mgmt | 923 |
| Automate myHR Dataload | Automate the myHR dataload process for Alumni Systems. | | AS_ESAF | Request | On Plan | 12/1/2019 | 3/31/2020 | Alumni and Development | Student - Former Student - Alumni Transitions | 969 |
| Automate Student Data | Automate Student Data for Alumni Systems. | | AS_ESAF | Request | On Plan | 4/1/2020 | 6/30/2020 | Alumni and Development | Student - Former Student - Alumni Transitions | 968 |

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| Automation and Integration for Nelnet | Upgrade our connector with Nelnet from an overnight file transfer to a real time account activity connector. <ul style="list-style-type: none"> •Upgrade to QuikPay version 2019.2 operational by 8/31/2019 •Upgrade to the new Nelnet Connector (between Nelnet and CAESAR) operational ASAP after available from Nelnet; requirement for other SF automation work •Implement real-time connection for all careers operational ASAP, after new connector is installed (estimated Oct/Nov 2019) •Decommission billing process operational in FY20 | | AS_ESHRS | Not Started | On Plan | 9/1/2019 | 4/30/2020 | Student IT Experience | Student - Support - Student Finance | 921 |
| Automation/Innovation for ADO | Placeholder for automation and innovation efforts for ADO in FY20. Specific projects to be determined by business partners and ADO. | | AS_ADO | Not Started | On Plan | 9/4/2019 | 8/31/2020 | AS Leadership | Service - Information Mgmt - Solution Mgmt | 946 |
| Automation/Innovation for Financial Systems | Placeholder for automation and innovation efforts for Financial Systems in FY20. Specific projects to be determined by business partners, ESAF and ADO. | | AS_ESAF | Not Started | On Plan | 10/1/2019 | 8/31/2020 | Finance | Service - Financial Mgmt - Financial Accounting | 881 |
| Automation/Innovation for HR Systems | Automation of on-cycle and off-cycle Kronos files for payroll. 325 Remaining 90 Day Journal Work - 300 | Manual effort by ESHRS and Payroll to create and reconcile files weekly. Automation will eliminate work of ESHRS and create more timely files and reports to Payroll department to run payrolls. Reduces error risk by automating the reports that reconcile files | AS_ESHRS | Request | On Plan | 1/1/2020 | 4/30/2020 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 880 |

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| Automation/Innovation for Student Systems | <p>Automation and innovation efforts for Student Systems in FY20. Specific projects to be determined by business partners, ESHRS and ADO.</p> <p>Some automation and Innovation efforts are separate projects. This umbrella includes these candidates:</p> <ul style="list-style-type: none"> •Move Law School Bidding out of CAESAR - If we are truly moving to the cloud, we have to do this at some point. Options include building or buying. Kellogg is currently exploring replacing their bidding system (Darden) as well. – Discovery? •Method for sharing data between systems (Maureen suggestion) – Discovery •Include Feinberg annual M3/M4 enrollments in the existing nightly feed, eliminating “manual” bulk load process (automation, plugging security hole) •Move CAESAR Web Services to Apigee (web services – extending usage) •Test Automation (Jason tool project) 9/1/2019-5/1/2020 •CLSS Interface Improvements FY19 | | AS_ESHRS | Request | On Plan | 10/1/2019 | 8/31/2020 | Student IT Experience | Student - Support - Career Advancement | 879 |
| Benefits Annual Enrollment for FY21 | Annual Benefits enrollments | Compliance | AS_ESHRS | Request | On Plan | 7/1/2020 | 1/15/2021 | Human Resources | Employment - LifeCycle - Benefits Mgmt & Work/Life | 994 |
| CAESAR CPU Patch for PeopleTools # 4 of 4 | CPU critical patches are released by Oracle in January, April, July, and October each year. If it is deemed necessary by the Cyber Security team, and a PeopleTools patch is required before a PUM catch-up, then the three PS pillars will need to be patched. Otherwise, the CPU can be combined with the next PUM in each pillar. | work in a secure and compliant environment | AS_ADO | Request | On Plan | 10/16/2019 | 11/15/2019 | | Student - Support - Student Life | 821 |
| CAESAR Financial Aid Critical Patch # 2 of 2 | This represents the need to update CAESAR with a critical patch from Oracle. Historically we have had 2 per year. This is a placeholder for the effort required for the second one. | | AS_ADO | Request | On Plan | 5/1/2020 | 5/29/2020 | | Student - Support - Student Finance | 790 |
| CAESAR Financial Aid Critical Patch # 1 of 2 | We generally have a need to update CAESAR with two critical patches per year. This is based on historical data and this project is a place-holder for the first one. | | AS_ADO | Not Started | On Plan | 9/9/2019 | 10/9/2019 | | Student - Support - Student Finance | 789 |

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| CAESAR PUM 14 Selective Adoption | PUM 14 full code release receive from Oracle; we have opted to take a small selection of object from this release; we are selecting Student Financials 1098-T objects and Financial Aid FISAP objects to support the business needs. | Financial Aid packaging support | AS_ADO | In Progress | On Plan | 8/6/2019 | 9/7/2019 | | Student - Support - Student Finance | 1,017 |
| CAESAR PUM Update # 1 of 2 | Oracle delivers 4 PUM per year, but we will only apply two, this is the first of the 2 to follow the two PUM cadence. The other 2 will be selective adoption if needed. Include CPU | | AS_ADO | Request | On Plan | 2/3/2020 | 5/29/2020 | | Student - Support - Student Life | 793 |
| CAESAR PUM Update #2 of 2 | Oracle delivers 4 PUM per year, but we will only apply two, this is the second of the 2 to follow the two PUM cadence. The other 2 will be selective adoption if needed. Include CPU | | AS_ADO | Request | On Plan | 8/3/2020 | 9/11/2020 | | Student - Support - Student Life | 792 |
| Cayosoft Upgrade | Product version upgrade & additional feature | | AS_IdS | Request | On Plan | 4/6/2020 | 5/29/2020 | IAM Governance | Service - Information Mgmt - Solution Mgmt | 830 |
| CI CyberArk Upgrade | We are currently running an unsupported version of CyberArk, our privileged account management software. This project will move us to a supported version; our current version is from 2016. | | CI_PS | Request | On Plan | 9/1/2019 | 9/30/2019 | | Service - Information Mgmt - Solution Delivery | 905 |
| CI Decommission Email Forwarding for Microsoft Exchange | Discontinue email forwarding from University email; customers must read/respond to email from their Northwestern accounts rather than forwarding to an external email account. | | CI_CS | Request | On Plan | 2/1/2020 | 4/30/2020 | IAM Governance | Service - Information Mgmt - Solution Delivery | 899 |
| CI Decommission IMAP for Microsoft Exchange | Remove IMAP feature from Exchange at request of IT Security, to allow MFA to be used (project 897, MFA for Azure AD). This is in alignment with the IT initiative to front-end key applications with Multi-Factor Authentication. | | CI_CS | Request | On Plan | 12/1/2019 | 3/31/2020 | IAM Governance | Service - Information Mgmt - Solution Delivery | 898 |
| CI DR Testing for AutoSys and GoAnywhere | AutoSys and GoAnywhere house critical business processes and securely transfer files amongst several systems supported by the NUIT organization. This project will execute a DR test of these two platforms by first establishing resilient environments, and then coordinating a controlled Disaster Recovery (DR) exercise to ensure operational continuity if there is ever a business disruption in production. | This project will improve and confirm Northwestern's ability to maintain operations in the event of a datacenter failure or other disruption. | CI_PS | Request | On Plan | 6/1/2020 | 7/31/2020 | | Service - Information Mgmt - Solution Mgmt | 906 |
| CI DR Testing for RDSS | This project will test the ability to run the RDSS environment from Chicago rather than Evanston, to ensure safety and integrity of data in the event of a loss of the Evanston data-center. | Increase knowledge and awareness should disaster recovery be necessary. It is essential to define and practice the steps to move storage operations from Evanston to Chicago. | CI_PS | Request | On Plan | 12/2/2019 | 12/31/2019 | | Service - Information Mgmt - Solution Mgmt | 908 |

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| CI Exchange Online Archiving | This project will increase the storage capacity for email accounts. This will allow customers to not get locked out of email when they fill their current storage capacity. | Customers will have mail files larger than 100 GB, ensuring adequate storage for their needs. | CI_CS | Request | On Plan | 12/1/2019 | 3/31/2020 | | Service - Information Mgmt - Solution Mgmt | 894 |
| CI Feinberg Secure Environment (Phase 2) Bitglass | This will replace F5 APM within the secure Feinberg environment which will have less impact on the user to read email. This ensures that Feinberg School of Medicine's HIPAA data is protected in the email environment. It also allows us to audit who has encrypted/patched computers, again ensuring data protection. This is a CI_CS project, and is a carry-over from FY18 which will require CI resources. | This will be a more seamless user experience than the F5 APM tool which is currently deployed. Customers will have fewer steps when accessing their email. | CI_CS | Request | On Plan | 11/1/2019 | 3/31/2020 | IAM Governance | Service - Information Mgmt - Solution Delivery | 893 |
| CI Hashed Passwords in Azure AD (DR) | Implement hashed passwords in Azure AD (Cloud) to ensure access to applications via Cloud authentication. This will reduce impacts of loss of network connectivity to the internet. Currently, if cloud applications lose access to Northwestern's datacenter, the Northwestern community will be unable to access applications such as email, Canvas, Box, and others. | All faculty, staff, students and contractors (anyone who has an Active Directory account) will be impacted by this project; the most immediate benefit is the ability to continue working despite a datacenter outage. | CI_CS | Request | On Plan | 6/1/2020 | 8/31/2020 | | Service - Information Mgmt - Solution Delivery | 900 |
| CI MFA Implementation for Azure AD (Office 365) | Implement MFA for all Azure and Office 365 products, at request of IT Security, to combat the impacts of phishing attempts. This is in alignment with the IT initiative to front-end key applications with Multi-Factor Authentication. | Customers who fall prey to phishing attempts will not have their email accounts taken over by the "phisher", resulting in further disruption via spam email being sent. Additionally, it will prevent phishers from deleting email from Northwestern email accounts. | CI_CS | Request | On Plan | 9/1/2019 | 3/31/2020 | IAM Governance | Service - Information Mgmt - Solution Mgmt | 897 |
| CI Migrate Microsoft Exchange (Office 365) to the Cloud | This project is to move the Exchange environment from on premise to the cloud. It is a carry-over from FY19; work will continue into FY20. This will prevent us from incurring significant hardware expense, and also keeps us in alignment with Microsoft product strategy. | This has a significant cost savings; keeping this application on-premise would require significant hardware investment. Additionally, this fits the NUIT strategy of leveraging the cloud where appropriate. | CI_CS | Request | On Plan | 9/1/2019 | 12/31/2019 | | Service - Information Mgmt - Solution Mgmt | 892 |

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| CI Monitoring & Alerting Standardization | <p>Across NUIT, publicize and implement best practices and alerting for NUIT services. This will ensure that all applications are being monitored, staff are alerted to problems, and trends which may impact future stability are being reported.</p> <p>This project is from CI_TNS (Management & Monitoring group). This project was initiated in FY19, but AS resources will not be required until FY20.</p> | All users who consume NUIT services will benefit from increased reliability, faster resolution of issues, and consistent service delivery. □ | CI_MMS | Request | On Plan | 9/1/2019 | 3/31/2020 | | Service - Information Mgmt - Solution Mgmt | 889 |
| CI Next Generation Infrastructure POC | <p>We would need some amount of application testing to assess the solution. This is a CI_PS project.</p> <p>NUIT Cyberinfrastructure is searching for the next generation in server and storage hardware. Currently we deploy our infrastructure in a very conventional manner. This project is to conduct a proof of concept of a hyperconverged solution for virtual environment infrastructure, to help provide services in a faster and more consistent fashion.</p> | Increase service delivery, predictability, and provide a means to change the capital purchasing structure for Northwestern University. | CI_PS | Request | On Plan | 7/1/2019 | 10/31/2019 | | Service - Information Mgmt - Solution Mgmt | 909 |
| CI Office 365 (Exchange) for Students | Implement Office 365 (Exchange) for students to replace Google email, their current solution. This will allow for more easy collaboration between students, faculty, and staff. This will provide significant improvements with calendar sharing and room reservations. | This will allow for more easy collaboration between students, faculty, and staff. This will provide significant improvements with calendar sharing and room reservations. | CI_CS | Request | On Plan | 9/1/2019 | 3/31/2020 | | Student - Support - Student Life | 895 |
| CI RHEL 6 Removal | Redhat 6 is a Linux operating system running on multiple servers, supporting multiple applications running within the University; RHEL6 support ends in 2020. This project seeks to ensure the University continues to run on the latest and supported operating systems. This project is similar to the RHEL5 replacement project in FY19. Some application owners may wish to include this OS upgrade as part of another planned project; this request is to cover any need for standalone upgrades not covered elsewhere. | Lower security risks, less risk exposure, stable operations, better support from vendors. | CI_PS | Request | On Plan | 9/1/2019 | 8/31/2020 | | Service - Information Mgmt - Solution Mgmt | 903 |

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| CI Upgrade Electronic File Transfer Software | GoAnywhere securely transfers files amongst many enterprise, departmental and external vendor systems for batch processing. This project will upgrade from v5.2.5 to the latest v6.0.x. The GoAnywhere software upgrade requires efforts of many teams to validate existing processes, confirm data integrity and endorse stability post-implementation. | This project improves processes of batch file-transfers with an improved user interface and improved email notifications to file-transfer recipients. | CI_PS | Request | On Plan | 12/1/2019 | 1/31/2020 | | Organization - Risk Mgmt - Audit | 907 |
| CI Windows Server 2008 & 2008 R2 Removal | Windows 2008 is a Windows operating system running on multiple servers, supporting multiple applications running within the University. This project ensures the university continues to run on the latest and supported operating systems. Windows Server 2008 support ends January 20, 2020. There is no extended support possible. This project is similar to the rhel5 replacement project. | Faculty, Students, and staff will all benefit from stable, well managed environments. | CI_PS | Request | On Plan | 9/1/2019 | 12/31/2019 | | Service - Information Mgmt - Solution Mgmt | 904 |
| Cognos - Package Conversion | This project is to convert Cognos packages from outdated code base to the supported code base The effort below is 8hrs/day for 2 FTE: 640 hours PS_RT (Financials): 4 days PS_RT_SEC (Financials): 4 days PS_EPM_WH (Financials): 4 days PS_EPM_WH_SEC (Financials): 4 days ARD: 3 days EF: 3 days ENDW: 3 days FASIS/HR: 3 days Parking: 2 days INVO: 2 days NUCORE: 2 days Effort Reporting: 2 days Researcher Portal: 3 days | Newer tools can work with Dynamic Query Mode (DQM) only. This will also help us to enforce best coding practices. | AS_DMA | Request | On Plan | 2/3/2020 | 7/31/2020 | | Service - Information Mgmt - Analysis & Reporting | 972 |
| Cognos Award Search Report | Design and build a new Award Search Report based on current OSR Tableau reports. | | AS_DMA | Request | On Plan | 4/1/2020 | 7/31/2020 | Research Administration | Research - Initiate - Research Setup | 864 |
| Cognos Yearly Upgrade | This upgrade will keep Cognos Analytics up to date to stay supported by the vendor. The upgrade process will be primarily internal (regression testing, etc.) Groups within Northwestern that use Cognos will be able to test if they feel it is necessary. In addition, these groups will receive communications regarding new features and capabilities of the updates. | Cognos Analytics is on quarterly release cycle and by doing upgrades every year, more delivered features and functionality will be available after this project is completed. | AS_DMA | Request | On Plan | 3/1/2020 | 5/31/2020 | | Service - Information Mgmt - Analysis & Reporting | 818 |

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|--|---|---|-----------|-------------|---------|---------------|----------------|-----------------------|--|--------|
| Complete Migration of CAESAR Administrative Users FY19 | Complete the migration of CAESAR Administrative Users to so that they login using NetID / SSO / MFA. This is important for the added layer of MFA security and will also allow users to reset their own passwords using the standard NetID password reset procedures (instead of requiring an SES Security Administrator to reset the password) | Allow CAESAR administrative users the ability to login using their netid, and to enable WEBSSO functionality. | AS_ESHRS | In Progress | On Plan | 9/17/2018 | 3/31/2020 | Student IT Experience | Student - Recruit - Convert Prospects | 497 |
| Consolidate Administrative Systems AWS Accounts | Consolidate the AWS accounts used by Administrative Systems to achieve better cost and operational efficiency. Accounts that will be consolidated into the ADO account are: FFRA ADEA/Alumni SysDev Accounts that will be consolidated into the DMA accounts are: ERA, I&A, DEVOPS-DEMO This will result in a reduction of VPN costs across the three areas as well as put us in a position to move to the DevOps 2.0 Framework. In addition it will also streamline and standardize developer security and access issues. | | AS_ADO | Not Started | On Plan | 9/23/2019 | 12/23/2021 | AS Leadership | Service - Information Mgmt - Solution Delivery | 925 |
| CTEC Quarterly Load - Qtr 1 | CTEC (Course & Teacher Evaluation) data is used by administrators across campus during the tenure and promotion process for individual faculty members. Having accurate and readily available current and historical data is essential for this process. The data is loaded quarterly from BLUE source system. | Having the latest data from BLUE source system loaded into data mart will help the administrators across Northwestern with accurate information to make timely decisions. | AS_DMA | Not Started | On Plan | 9/16/2019 | 9/30/2019 | | Teaching & Learning - Teach - Evaluations | 822 |
| CTEC Quarterly Load - Qtr 2 | CTEC (Course & Teacher Evaluation) data is used by administrators across campus during the tenure and promotion process for individual faculty members. Having accurate and readily available current and historical data is essential for this process. The data is loaded quarterly from BLUE source system. | | AS_DMA | Request | On Plan | 12/1/2019 | 12/31/2019 | | Teaching & Learning - Teach - Evaluations | 832 |

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| CTEC Quarterly Load - Qtr 3 | CTEC (Course & Teacher Evaluation) data is used by administrators across campus during the tenure and promotion process for individual faculty members. Having accurate and readily available current and historical data is essential for this process. The data is loaded quarterly from BLUE source system. | | AS_DMA | Request | On Plan | 3/1/2020 | 3/31/2020 | | Teaching & Learning - Teach - Evaluations | 833 |
| CTEC Quarterly Load - Qtr 4 | CTEC (Course & Teacher Evaluation) data is used by administrators across campus during the tenure and promotion process for individual faculty members. Having accurate and readily available current and historical data is essential for this process. The data is loaded quarterly from BLUE source system. | | AS_DMA | Request | On Plan | 6/1/2020 | 6/30/2020 | | Service - Information Mgmt - Analysis & Reporting | 834 |
| Data Stage Upgrade | This upgrade will keep Data Stage tool, that is used for extracting, transforming and loading the data into the data mart, up to date to stay supported by the vendor. The upgrade process will be primarily internal (regression testing, etc.) | | AS_DMA | Request | On Plan | 1/1/2020 | 2/28/2020 | | Service - Information Mgmt - Analysis & Reporting | 824 |
| Data warehouse and Analytics on Cloud - POC | Currently all the ETLs are executed on on-premise ETL server this includes Datastage and Data manager tool. Data manager is scheduled to sunset by the end of FY19. Migration of ETLs to cloud based technology will improve the performance, make the ETL infrastructure more robust and will provide high availability of the Data marts during off business hours. This POC will be modeled around , tool usage , cost benefit , code reusability , ease of creating web services and easy migration to any other ETL tool. | | AS_DMA | In Progress | On Plan | 5/20/2019 | 1/31/2020 | | Service - Information Mgmt - Analysis & Reporting | 340 |
| eCATS - Oracle upgrade to12c | Oracle 11g support end of life is approaching and eCATS Loan disbursement System has to be upgraded to 12c. | This project will address the security risks and use features of 12c to improve student loan processes for business. | AS_ADO | Not Started | On Plan | 9/16/2019 | 1/31/2020 | | Student - Support - Student Life | 550 |
| Enterprise Architecture FY2020 | This a request for an Enterprise Architecture Project for FY2020. Enterprise Architecture efforts will continue into Fiscal year 2020 in order to lay the foundation for Enterprise Architecture efforts and improve our Organizational maturity in this area. | | AS_OPM | Not Started | On Plan | 9/1/2019 | 8/31/2020 | AS Leadership | Service - Information Mgmt - Solution Mgmt | 886 |

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| Facilities Connect - O&M Implementation | Project to Implement the O&M functionality within Tririga as a part of the multi-year Facilities Connect project. | Will enhancement the service offering for Operations and maintenance functionality. The FAMIS software is out of support and needs to be replaced as soon as possible. | AS_ESAF | In Progress | Needs Attention | 12/3/2018 | 1/23/2020 | Facilities | Service - Campus Mgmt - Operate & Maintain | 629 |
| Facilities Connect Post Implementation Enhancements | After the implementation of all Facilities Connect modules, implement a governance process and prioritize enhancements. This project will start after the finish of the capital project for Facilities Connect finishes. The detail enhancements will be managed through a Facilities Management governance committee based on submissions from the community. | This is dedicated time to review and implemented approved changes related to the implementation of modules for Facilities Connect. | AS_ESAF | Request | On Plan | 2/1/2020 | 6/30/2020 | Finance | Service - Campus Mgmt - Operate & Maintain | 1,005 |
| FAMIS Decommissioning | Within the Facilities Connect - O&M Implementation project is a section for decommissioning FAMIS. Many of the activities in this section will be folded into the project deployment (cutover) plan, but others will completed after this project is finished. I would like to separate out those activities into a new Daptiv project, so that they can be tracked but don't influence timing/resourcing on the Facilities Connect - O&M Implementation project | | AS_ESAF | Request | On Plan | 1/6/2020 | 3/31/2020 | Facilities | Service - Campus Mgmt - Operate & Maintain | 815 |
| FFRA DataHub: InfoEd Connector | InfoEd is Northwestern's enterprise electronic research administration tool for proposal development, submission, award administration, and data collection. However, it is currently difficult to access data stored within InfoEd by other NU systems, such as the Research Portal. The primary goal of this project is to expose a defined set of InfoEd data points as RESTful endpoints that would be easily accessible to other systems. For this project, the data provided would be read-only. Additions, edits, and deletions are out of scope. The secondary goal is that the application behind these endpoints is set up in a scalable, DevOps model, for continuous improvement build and maintenance cycles. | Enabled services to and from InfoEd for consumption by other research systems around the University. | AS_ADO | In Progress | On Plan | 5/31/2019 | 9/11/2019 | Finance | Service - Information Mgmt - Solution Mgmt | 747 |
| Financial Aid 2019-2020 Annual Processing | Conduct the annual setup and execution of financial aid processing for the financial aid 2019-2020 aid year. | Required setup for FA office each year. | AS_ESHRS | In Progress | On Plan | 9/1/2018 | 10/15/2019 | Student IT Experience | Student - Support - Student Finance | 620 |

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| Financial Aid IDOC file upload processing | <p>The College Board IDOC service has changed the structure of their files. Custom pages built by IT must be updated to reflect the new structure.</p> <p>This process is necessary to enroll the incoming class. Timely notification of financial aid in a competitive environment is not optional.</p> <p>The undergraduate financial aid office requires a College Board Profile from every student entering the university who is applying for financial aid. IDOC is an optional service provided by College Board to collect tax return information from families and transmit data files to the university. The university pays tens of thousands of dollars each year for this service. The data files from IDOC are uploaded and populate the appropriate fields in PeopleSoft via a custom process. The ability to upload this information permits timely notification to incoming students of their eligibility for financial aid. If the upload process was not available, it would be necessary to data-enter the information into the system. The office is not staffed for this</p> | <p>This process is at the core of timely notification to incoming students so they know their financial aid eligibility and their cost. This process is necessary to recruit/attract an incoming class of students. Our financial aid packages are more generous compared to most schools. It is critical that prospective students are made aware of their aid in a timely way.</p> | AS_ESHRS | In Progress | On Plan | 8/1/2019 | 10/31/2019 | Student IT Experience | Student - Support - Student Finance | 1,004 |
| FY19 Year End Close | <p>This is an internal FFRA FYE 19 project in order to prepare and test supporting systems for the FYE 2019. The project duration is estimated to be April 2019 - August 2019.</p> | <p>Preparation and execution time for the FY19 Year End Close. This is a required maintenance project.</p> | AS_ESAF | In Progress | On Plan | 4/1/2019 | 10/5/2019 | Finance | Service - Financial Mgmt - Financial Accounting | 502 |
| FY20 Year End Close | <p>Annual recurring project for tasks associated the Fiscal Year 2020 close.</p> | | AS_ESAF | Request | On Plan | 4/1/2020 | 10/31/2020 | Finance | Service - Financial Mgmt - Financial Accounting | 777 |
| Graduation Application | <p>Law would like to use the delivered Graduation Application function in PeopleSoft. This will require review and removal or modification to an existing customization on the self-service portal that is currently preventing students from updating their diploma name and address.</p> | | AS_ESHRS | Request | On Plan | 12/1/2019 | 6/30/2020 | Student IT Experience | Student - Former Student - Alumni Transitions | 855 |
| IAM Infrastructure - LDAP Upgrade | <p>Upgrade LDAP</p> | | AS_IdS | Request | On Plan | 1/13/2020 | 5/29/2020 | IAM Governance | Service - Information Mgmt - Solution Mgmt | 970 |

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| IAM Infrastructure - Shibboleth Upgrade | <p>Replace older/redundant systems, improve student onboarding experience, explore hybrid cloud IAM architecture</p> <p>This project seeks to replace older/redundant systems, improve student onboarding experience, and explore hybrid cloud IAM architecture.</p> <p>As more and more applications move to the cloud, we need to re-assess the identity & access management (IAM) ecosystem to make sure we provide the appropriate support for applications that are in the cloud.</p> <p>Older and redundant systems such as Oracle DSEE and Radiant Logic should be replaced, or have their functionality moved into other systems. This will save money in licensing feeds, and increase flexibility of the IdS team by removing redundant systems.</p> <p>A new web service interface in SailPoint will help TGS and Admissio</p> | <p>Most of the work in this project is aimed at reducing costs and improving long-term service reliability by eliminating older and redundant services.</p> <p>Admissions and TGS will benefit from the SailPoint web services component, by streamlining their student onboarding processes. The hybrid cloud IAM component of the project will be required to support certain cloud initiatives, and even when not absolutely required, will place Northwestern IT in a good strategic position to support other cloud initiatives.</p> | AS_IdS | Request | On Plan | 11/18/2019 | 3/27/2020 | | Service - Information Mgmt - Solution Delivery | 696 |
| IDS Environment Gaps | <p>Review IDS current state of environment gaps and work to address as many of those as possible in 2019. Document future state and identify what work remains for a future project.</p> | <p>Improve testing and shorten time to test on all IAM projects and operational tasks.</p> | AS_IdS | In Progress | In Trouble | 1/30/2018 | 10/15/2019 | IAM Governance | Service - Information Mgmt - Solution Delivery | 558 |
| Implement Foundational PMO - Phase 2 | <p>Continue implementation of PPM Roadmap for FY20.</p> | | AS_OPM | Not Started | On Plan | 9/3/2019 | 8/31/2020 | | Service - Information Mgmt - Solution Mgmt | 786 |
| Implement myHR Learn Culture and Safety Curriculum (Title IX training) | <p>Move myHR Learn Culture and Safety curriculum (Title IX training) to new platform, EverFi.</p> | <p>Enable Northwestern to run already developed Title IX training using the new platform, Everfi. The current platform, Workplace Answers, will be turned off at somepoint by EverFi.</p> | AS_ESHRS | In Progress | On Plan | 10/31/2018 | 9/17/2019 | Human Resources | Employment - Develop - Talent Development | 541 |
| Implement Paid Sick Leave (Remaining Work) | <p>This project captures the remaining work requested by HR for the Paid Sick Leave project.</p> | <p>Continued compliance of the paid sick leave policy for temps.</p> | AS_ESHRS | In Progress | On Plan | 7/2/2018 | 9/23/2019 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 617 |
| Lynda.com Upgrade to LinkedIn Learning | <p>Upgrade Lynda.com to LinkedIn learning as a result of LinkedIn acquisition of Lynda.com</p> <p>Update 6/21/19: Latest upgrade date available from vendor is 9/30/2019. Will work with IdS and L&OD to determine effort and go live date.</p> | <p>This allows Single Sign on for the new LikedIn Learning platform, ensuring a more secure way to log in.</p> | AS_ESHRS | In Progress | On Plan | 7/15/2019 | 10/14/2019 | Human Resources | Employment - Develop - Talent Development | 596 |

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| MFA User Experience Research | In anticipation of major work for Multi-Factor Authentication (MFA) and Web Single Sign-On (WebSSO) in the coming year, the Information Security Office (ISO) is initiating a user research project to better understand the current user experience of students, faculty and staff using the MFA application (Duo). The research involves direct interviews IT stakeholders, research with faculty, staff, students, and data analysis and trends in the Northwestern IT Support Center. The goal is to present research documenting the current user experience with MFA; provide recommendations and other design deliverables on how to create a better customer experience, and ultimately provide a holistic picture ahead of expanding capabilities of MFA/WebSSO and the systems that utilize them. | | AS_OPM | In Progress | On Plan | 5/20/2019 | 11/29/2019 | IAM Governance | Service - Information Mgmt - Solution Delivery | 877 |
| Modify HR Feed to Egencia Travel System | <p>The driver for this change is that we are still feeding data to Egencia using the old Orbitz requirements. This forces Egencia to pre-process our feed into a format the Egencia system understands. This is not a sustainable process that Egencia wishes to continue. Hence, they are asking all of their old Orbitz customers to change their feed into the standard Egencia format. Their initial request was that we do this by Sept. 30. But, because of our severe staffing constraints in NUIT, that is not possible, so Egencia has agreed to a Dec. 31 deadline.</p> <p>Fortunately, the data itself, does not have to change, just the format. There is an issue NUIT was unaware of with respect to inconsistent department names coming through in the feed, but Eduard Khutoryy has identified this as an issue with our processing that we can fix and we will include this in the scope of the project since Egencia will no longer be able to fix this in their pre-processing.</p> <p>- John George, our Egencia account</p> | | AS_ADO | Request | On Plan | 10/1/2019 | 12/1/2019 | Finance | Employment - LifeCycle - Workforce Mgmt | 927 |
| Move myHR Learn integration app to AWS | This moves existing apps into AWS to standardize and allow for hosted servers to be retired. | Hosted servers to be retired from data center. Standardization into AWS would allow provide staff efficiencies in support and development. | AS_DMA | Not Started | On Plan | 12/2/2019 | 3/31/2020 | AS Leadership | Employment - Develop - Performance Mgmt | 928 |

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| Move Sailpoint integration app to AWS | This moves existing Sailpoint Integration Application into AWS to standardize and allow for hosted servers to be retired. MyHR publishes messages about employee updates and Sailpoint consumes the messages via this integration application. This project would set the standard for future integration applications. | - hosted servers to be retired from data center - This would allow for more real-time data to be delivered to Sailpoint - Standardization into AWS would allow provide staff efficiencies in support and development. | AS_DMA | Request | On Plan | 3/1/2020 | 5/31/2020 | AS Leadership | Service - Information Mgmt - Solution Mgmt | 924 |
| myHR CPU Patch for PeopleTools # 4 of 4 | CPU critical patches are released by Oracle in January, April, July, and October each year. If it is deemed necessary by the Cyber Security team, and a PeopleTools patch is required before a PUM catch-up, then the three PS pillars will need to be patched. Otherwise, the CPU can be combined with the next PUM in each pillar. | Stay compliant with software and new functionality. | AS_ADO | Request | On Plan | 10/15/2019 | 11/15/2019 | | Employment - LifeCycle - Workforce Mgmt | 820 |
| myHR 90 Day Journal Updates | myHR 90 Day Journal process is not working properly for workflow approval process under many different scenarios. This is causing excessive support issues for HR and ESHRS. | Fixing the workflow approval process will eliminate time spent by ESHRS to research and fix each occurrence of the problem. In some cases submitters have to cancel and resubmit 90 day journal which causes them rework. | AS_ESHRS | In Progress | On Plan | 6/11/2019 | 10/31/2019 | Human Resources | Employment - LifeCycle - Workforce Mgmt | 933 |
| myHR Learn Update # 1 of 3 | myHR Learn (SABA) will apply 3 updates per year - this is #1 of 3 | Stay Compliant with Software and allow for new functionality. | AS_ESHRS | Request | On Plan | 10/1/2019 | 11/16/2019 | Human Resources | Employment - Develop - Talent Development | 807 |
| myHR Learn Update # 2 of 3 | myHR Learn (SABA) will apply 3 updates per year - this is #2 of 3 | Stay Compliant with Software and allow for new functionality. | AS_ESHRS | Request | On Plan | 1/3/2020 | 2/28/2020 | Human Resources | Employment - Develop - Talent Development | 808 |
| myHR Learn Update # 3 of 3 | myHR Learn (SABA) will apply 3 updates per year - this is #3 of 3 | Stay Compliant with Software and allow for new functionality. | AS_ESHRS | Request | On Plan | 6/1/2020 | 7/30/2020 | Human Resources | Employment - Develop - Talent Development | 809 |
| myHR Phire PeopleTools 8.57 Upgrade | The Phire application which is used for project change control, versions control, for PeopleSoft applications needs to be upgraded to the current version of PeopleTools to match myHR PeopleTools version | | AS_ADO | Not Started | On Plan | 9/1/2019 | 12/13/2019 | | Employment - LifeCycle - Workforce Mgmt | 959 |
| myHR PUM Update # 1 of 2 | Oracle delivers 4 PUM per year, but we will only apply two, this is the first of the 2 to follow the two PUM cadence. The other 2 will be selective adoption if needed. Include CPU patch | Compliance of PS and add new or fixed functionality. | AS_ADO | Request | On Plan | 10/14/2019 | 3/30/2020 | Human Resources | Employment - LifeCycle - Workforce Mgmt | 805 |
| myHR PUM Update # 2 of 2 | Oracle delivers 4 PUM per year, but we will only apply two, this is the first of the 2 to follow the two PUM cadence. The other 2 will be selective adoption if needed. Include CPU patch | Compliance of PS and add new or fixed functionality. | AS_ADO | Request | On Plan | 5/1/2020 | 7/31/2020 | Human Resources | Employment - LifeCycle - Workforce Mgmt | 806 |
| myHR Tax Updates # 2 of 5 | Annual Tax Updates # 2 of 5 | Tax Compliance | AS_ADO | Request | On Plan | 3/1/2020 | 5/1/2020 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 795 |
| myHR Tax Updates # 3 of 5 | myHR Annual Tax Updates # 3 of 5 | Tax Compliance | AS_ADO | Request | On Plan | 6/1/2020 | 8/31/2020 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 796 |

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| myHR Tax Updates # 4 of 5 | myHR Annual Tax Updates # 4 of 5 | Tax Compliance | AS_ADO | Request | On Plan | 8/1/2020 | 10/30/2020 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 797 |
| NUFinancial Phire PeopleTools 8.57 Upgrade | The Phire application which is used for project change control, versions control, for PeopleSoft applications needs to be upgraded to the current version of PeopleTools to match NUFinancial PeopleTools. | stay compliant with vendor policy, and satisfy NU audit findings for change control and separation of duties. | AS_ADO | In Progress | On Plan | 9/2/2019 | 11/29/2019 | | Service - Financial Mgmt - Financial Accounting | 958 |
| NUFinancial PUM Update # 1 of 2 | Oracle delivers 5 PUMs per year, but we will only apply two, this is the first of the 2 to follow the two PUM cadence. The others will be selective adoption if needed. Include CPU patch of October. | | AS_ADO | Not Started | On Plan | 9/1/2019 | 11/30/2019 | Finance | Service - Financial Mgmt - Financial Accounting | 784 |
| NUFinancial PUM Update # 2 of 2 | Oracle delivers 5 PUMs per year, but we will only apply two, this is the second of the 2 to follow the two PUM cadence. The others will be selective adoption if needed. This update will also include a Tools upgrade to 8.58. | | AS_ADO | Request | On Plan | 1/1/2020 | 5/31/2020 | Finance | Service - Financial Mgmt - Financial Accounting | 785 |
| NUValidate Release 2.1 | Sailpoint defect fixes, feature updates/enhancements | | AS_IdS | Not Started | On Plan | 9/3/2019 | 10/23/2019 | IAM Governance | Service - Information Mgmt - Solution Mgmt | 825 |
| NUValidate Release 2.2 | Sailpoint version upgrades, defect fixes and product enhancements. | | AS_IdS | Request | On Plan | 10/28/2019 | 2/5/2020 | IAM Governance | Service - Information Mgmt - Solution Mgmt | 827 |
| NUValidate Release 2.3 | Sailpoint version upgrades, defect fixes and product enhancements. | | AS_IdS | Request | On Plan | 2/10/2020 | 4/22/2020 | | Service - Information Mgmt - Solution Mgmt | 828 |
| NUValidate Release 2.4 | Sailpoint version upgrades, defect fixes and product enhancements. | | AS_IdS | Request | On Plan | 4/27/2020 | 7/22/2020 | IAM Governance | Service - Information Mgmt - Solution Delivery | 829 |
| Operationalize JIRA Cloud for AS | Explore and implement JIRA Cloud for AS. | | AS_DMA | Not Started | On Plan | 9/3/2019 | 12/20/2019 | | Service - Information Mgmt - Solution Mgmt | 910 |
| Optimization of Data Steward Approval Process | Create a solution that will optimize how data stewards approve access to web services and event notifications. We would like to create a solution that allows a "one stop shop" for data stewards to view pending approvals, and press a "approve" button. This would allow for a faster turn around time for customers using APIs. Potential solutions could include a new form in the API Service Registry . | Ease of use for the data stewards. Faster turnaround time for API requests. | AS_DMA | Request | On Plan | 5/15/2020 | 11/29/2020 | AS Leadership | Service - Information Mgmt - Solution Mgmt | 428 |

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| OurNorthwestern Transition | Part of the Our Northwestern platform consists of an the identity provider, a directory search, alumni profile management and the volunteer fundraising tool that are currently hosted by a vendor - Uprising Technologies. These tools are widely used by the Northwestern alumni, faculty, staff, volunteers and students to find and interact with their fellow classmates, update their contact information and also engage with their peers thus contributing towards alumni relations and development's fund raising efforts. The vendor company (UPT) is out of business and no longer exists. These tools will no longer be supported after December 2019 as the platform will cease to exist. Hence there is an urgent and compelling need to transition to a newer platform in order to continue to support the current business functionalities. The goal of this project is to transition key functionalities provided by the current tools from the existing Uprising vendor platform to a newer platform in order to continue running the Our Northwestern platform | Ability to keep Ournorthwestern functionality running as is state. | AS_ESAF | In Progress | On Plan | 8/1/2019 | 12/20/2019 | Alumni and Development | Student - Former Student - Alumni Engagement | 941 |
| Patent Data for Interfolio | We would like to request patent data access from the Innovation and New Ventures Patent database via web service (or other method) to load into Interfolio on a periodic basis. Data should include information about faculty who have been awarded patents, and pertinent details about the patent to be reviewed during the annual faculty review cycle. I do not believe a web services for this data exists yet. | | AS_DMA | Request | On Plan | 2/1/2020 | 5/31/2020 | Research Administration | Research - Conduct - Track Research Data | 951 |
| PO Faxing Cloud Replacement | The existing PO fax servers in NUFinancials need to be replaced since support will be ending in Jan 2019. We will be migrating to a cloud based faxing product instead on replacing the on-prem infrastructure. | Keep the PO Fax Services on a supported release of the application. | AS_ESAF | In Progress | Needs Attention | 10/1/2018 | 10/18/2019 | Finance | Service - Financial Mgmt - Procure to Pay | 590 |
| Prospect Module Realignment Stabilization | This project will address stabilization efforts needed for the Prospect Module Realignment project that went live in July 2018. The list of bug fixes are attached to the project. | This will complete the remaining work and bug fixes for the Prospect Module Realignment project. This will help reduce current technical debt and fully complete the project work. | AS_ESAF | In Progress | Needs Attention | 1/2/2019 | 9/6/2019 | Alumni and Development | Organization - University Outreach - Fundraising | 757 |
| RAC Node Update (CI Funding Required) | We will be updating and/or replacing the RAC servers prior to their end of life date. | | CI_PS | Request | On Plan | 9/1/2019 | 12/31/2019 | | Service - Information Mgmt - Solution Mgmt | 526 |

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| Replace loan disbursement (eCATS) system and develop a cloud application | This project is to replace legacy eCATS online developed in the Oracle Application Development Framework (ADF) and develop a modernized cloud application. Project may have to be phased to do eCATS online in FY20 to have project hours for business requests and redesign eCATS batch heavy on loan processing with Spring Boot API and host at AWS to FY21. | | AS_ADO | Request | On Plan | 11/11/2019 | 5/31/2020 | Student IT Experience | Student - Support - Student Life | 936 |
| Research Expenditure Web Service | Create a web service for research expenditure data and publish this web service through the Apigee directory. | Currently the process is semi-automated and the new web service will save around 20 hours a year per staff member. It will enable the faculty and Deans office to do more trans-formative processes with the data that will be available on demand. This service will be available to all schools. | AS_DMA | In Progress | On Plan | 5/1/2019 | 10/31/2019 | Information Management | Service - Information Mgmt - Analysis & Reporting | 517 |
| Secure Kronos | This project is focused on securing the Kronos environment as it is currently running unsupported MS Windows 2008 and only supports lower level Java versions that also a risk. This project will do two things: 1. Isolate the Kronos servers so that they have reduced risk to our environment 2. Enable a way of accessing older versions of Java that is required to access Kronos for certain features needed by HR in way that avoids the risk of keeping old Java versions available for all. | | AS_ADO | In Progress | On Plan | 6/10/2019 | 12/13/2019 | Human Resources | Employment - LifeCycle - Workforce Mgmt | 955 |
| SES Dual Program Enhancement | Align between Cognos and Caesar the manner in which dual programs are tracked and reported. | The proposed solution will help to source better data and do more accurate reporting. | AS_DMA | In Progress | On Plan | 7/22/2019 | 9/27/2019 | Information Management | Service - Information Mgmt - Analysis & Reporting | 313 |
| Space Datamarts in the Data Warehouse | Export the Facilities Connect data into a set of data marts to allow for external access and cross system reporting. Creation of unique reports combining data across the systems would be self-service or a separate request. | Integrating space data with other enterprise systems to produce meaningful insights. | AS_ESAF | Request | On Plan | 1/1/2020 | 8/31/2020 | Facilities | Service - Campus Mgmt - Operate & Maintain | 1,006 |

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|---|--|---|-----------|-------------|---------|---------------|----------------|--------------|---|--------|
| Spending Controls Report | Report designed to provide additional information on spending controls status (e.g., by roll-up category and department) for school, unit, Budget Office, Financial Operations, and IT reference. Based on prototypes developed by Jared, which have been reviewed by the Budget Office and several schools and unit managers. This report will assist in diagnosing and monitoring spending control issues, and should support communication on these issues within the respective organization and on collaborative actions across organizations. It should be particularly helpful in the latter parts of the fiscal year, as more control limits are neared. We are requesting that work on this report begin ASAP. as it goes hand-in-hand with the controls implemented in FY19. We are open to discussions of staging of report development, if certain versions are easier to build than others. | | AS_ESAF | Request | On Plan | 3/1/2020 | 5/31/2020 | Finance | Service - Financial Mgmt - Budget & Planning | 993 |
| Sponsored Project Actuals Balance Reports | Many departments (such as Chemistry, Medical Social Science, Biomedical Engineering, School of Communication, and many more) have expressed the need to be able to run detailed expenses (by project-to-date or a specific date) in order to review costs that may be unallowable or require justification. Certain Cognos reports show expenses and budgets in a summary format. However, there are no reports or queries for the departments or schools to review thorough expense details at the transaction level that can help them review all transactions at once. This issue has been raised through Program Review. | Research project managers would use this report: <ul style="list-style-type: none"> to review cash receipts vs. invoiced amounts for clinical trials and other sponsored projects where invoicing is handled by the department to check for accounts with substantially large or low balances, based on project and award period to review the information that ASRSP is reviewing, check for discrepancies, identify potential problems (large or low account balances, low cash receipts vs. invoiced amount, plan for closing awards), and work with GCFA to resolve any issues or concerns sponsored research projects, cost-share projects, and clinical trial projects are all funded and managed differently and this report contains the relevant data for each all together division and department staff management tool: upper level staff are able to quickly view the sponsored project management of sub-unit staff to look for errors and pitfalls faculty affairs committees are able to view all potentially pertinent details of a faculty member's portfolio. | AS_ESAF | In Progress | On Plan | 1/1/2019 | 9/6/2019 | Finance | Service - Information Mgmt - Analysis & Reporting | 436 |

| Name | Description | Business Benefits | NUIT Team | State | Health | Planned Start | Planned Finish | L3 Committee | Bus. Cap. Alignment | Number |
|---|--|---|-----------|-------------|---------|---------------|----------------|-----------------------|--|--------|
| Spring Quarter & Emergency Schedule Changes | <p>Background: Beginning with Spring 2020, all spring quarters will begin on a Tuesday (for most programs), but Monday classes will be held. This is a result of a recommendation by the Faculty Senate to lengthen spring break. This has been an occasional practice in the past, and our systems have not reflected the schedule accurately, resulting in student, faculty and space schedule conflicts.</p> <p>Similarly, there may be emergency events that require rescheduling classes, and this could also lead to scheduling and space conflicts, as well a lack of critical information about the true schedule for an individual, or the use of a particular location.</p> <p>Request: This project request is to address the need for a system to record and publish timely and accurate Spring Quarter scheduling information. In addition, the system would need to provide for rescheduling classes when emergencies occur.</p> <p>Appending the description from a duplicate request called "Northwestern Monday":</p> | | AS_ESHRS | Not Started | On Plan | 9/3/2019 | 3/27/2020 | Student IT Experience | Teaching & Learning - Curriculum - Program & Degree Mgmt | 874 |
| Strategic API Phase II POC | <p>This project is a follow-on to FY18's Strategic API Development project. This FY19 project, which has been re-scoped, now focuses on POC work to intake messages to the data warehouse, process the data contained in those messages within the warehouse, and output messages from the data warehouse to end point consumers.</p> | The new APIs will promote better integration between systems across the university. | AS_DMA | In Progress | On Plan | 9/4/2018 | 11/11/2019 | AS Leadership | Service - Information Mgmt - Solution Delivery | 292 |
| Student Admissions processing improvements | <p>a. Review and standardize the various file parser processes to reduce support time needed (e.g. one bad row doesn't stop the whole file from processing)</p> <p>b. Move legacy admissions import processes into file parser (Med School, Law, etc.)</p> <p>c. Various other incremental process improvements</p> <p>This is an ESHRS Student Technical Debt project</p> | | AS_ESHRS | Request | On Plan | 2/1/2020 | 7/31/2020 | Student IT Experience | Student - Support - Career Advancement | 843 |

| Name | Description | Business Benefits | NUIT Team | State | Health | Planned Start | Planned Finish | L3 Committee | Bus. Cap. Alignment | Number |
|----------------------------------|---|--|-----------|-------------|---------|---------------|----------------|-----------------|---|--------|
| Tableau Quarterly Update - Qtr 1 | This upgrade will keep Tableau up to date to stay supported by the vendor. The upgrade process will be primarily internal (regression testing, etc.) Groups within Northwestern that use Tableau will be able to test if they feel it is necessary. In addition, these groups will receive communications regarding new features and capabilities of the updates. | Tableau Create a footprints ticketDMA Install Tableau on the sandboxDAPS Have the test group test it for 10 daysDMA Do Senturus TestDMA Create a CAB ticket DMA/Rob Install Tableau on the production boxDAPS Production Box testingDMA | AS_DMA | Not Started | On Plan | 9/9/2019 | 11/30/2019 | | Service - Information Mgmt - Analysis & Reporting | 823 |
| Tableau Quarterly Update - Qtr 2 | This upgrade will keep Tableau up to date to stay supported by the vendor. The upgrade process will be primarily internal (regression testing, etc.) Groups within Northwestern that use Tableau will be able to test if they feel it is necessary. In addition, these groups will receive communications regarding new features and capabilities of the updates. | | AS_DMA | Request | On Plan | 12/1/2019 | 2/29/2020 | | Service - Information Mgmt - Analysis & Reporting | 835 |
| Tableau Quarterly Update - Qtr 3 | This upgrade will keep Tableau up to date to stay supported by the vendor. The upgrade process will be primarily internal (regression testing, etc.) Groups within Northwestern that use Tableau will be able to test if they feel it is necessary. In addition, these groups will receive communications regarding new features and capabilities of the updates. | | AS_DMA | Request | On Plan | 3/1/2020 | 3/31/2020 | | Service - Information Mgmt - Analysis & Reporting | 836 |
| Tableau Quarterly Update - Qtr 4 | This upgrade will keep Tableau up to date to stay supported by the vendor. The upgrade process will be primarily internal (regression testing, etc.) Groups within Northwestern that use Tableau will be able to test if they feel it is necessary. In addition, these groups will receive communications regarding new features and capabilities of the updates. | | AS_DMA | Request | On Plan | 6/1/2020 | 8/31/2020 | | Service - Information Mgmt - Analysis & Reporting | 837 |
| Tax Update #1 of FY20 (19D) | Normal tax updates provided over the year. 1 of 5 | Tax Compliance | AS_ADO | Request | On Plan | 10/17/2019 | 11/9/2019 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 794 |
| Tax Update #5 of FY19 (19B &19C) | Implement the payroll tax update information into myHR. | This is a operational project that is required as part of ongoing business. Includes any tax regulations from the government that must be applied to the system. | AS_ESHRS | Not Started | On Plan | 9/3/2019 | 10/14/2019 | Human Resources | Employment - LifeCycle - Timekeeping & Payroll | 1,009 |

| Name | Description | Business Benefits | NUIT Team | State | Health | Planned Start | Planned Finish | L3 Committee | Bus. Cap. Alignment | Number |
|---------------------------------------|--|--|-----------|-------------|---------|---------------|----------------|-------------------------|---|--------|
| Tracking Foreign Country Travel Dates | In order to determine Northwestern University's tax residency status in foreign countries, Tax and Regulatory Services ("TRS") is asked several times a year to determine time spent by Northwestern personnel in various countries. The current method available for TRS to track the number of calendar days in a country is unreliable. This project is to develop and implement a more systemic method for tracking travel to foreign countries. | The effort savings on this project will be significant. Currently, the process to determine dates of travel to a foreign country is as follows. A staff member first downloads all expense reports for a given period. Then, another staff member searches descriptions of all expense reports for mentions of the top ten universities and cities for the given country. From that distilled report, a third staff member opens each expense report and attempts to locate, from the description or the attachments, exactly how many calendar days a Northwestern faculty or staff member was in the country. Each unique expense report takes at least five minutes to identify the dates of travel. Follow-ups with the expense report submitters are often required, which can add anywhere from one business day to one week to the analysis. To date, the largest analysis required nearly 200 unique expense report look-ups. With a searchable field for dates of travel and a country indicator, this process will be faster and less error-prone. | AS_ESAF | In Progress | On Plan | 7/1/2019 | 9/20/2019 | Finance | Service - Financial Mgmt - Financial Accounting | 463 |
| Unity Sync - Upgrade | TBD | | AS_IdS | Request | On Plan | 6/1/2020 | 7/31/2020 | IAM Governance | Service - Information Mgmt - Solution Mgmt | 453 |
| Upgrade InfoEd to Version 15.x | Upgrade InfoEd to version 15.x. This upgrade will need to be done prior to or along side the implementation of the sub-award functionality. | Ensure the application has the latest releases and functionality. Required to be done prior to implementing the Sub-Award project. | AS_ESAF | Not Started | On Plan | 9/1/2019 | 2/14/2020 | Research Administration | Research - Initiate - Research Setup | 301 |
| Upgrade NUPlans to the latest version | The support for the current version of TM1 (NUPlans) end in September 2019. We need to upgrade the software to the latest version before this date. | Support for the current version of NUPlans ends September 2019. The upgrade must be completed for the application to remain supported. | AS_ESAF | In Progress | On Plan | 9/1/2018 | 10/19/2019 | Finance | Service - Financial Mgmt - Budget & Planning | 302 |
| URG Remediation | tbd | | AS_ESHRS | Request | On Plan | 12/2/2019 | 12/31/2020 | | Student - Support - Student Life | 588 |
| WebSSO Upgrade | Upgrade the Web SSO Online Passport system to the latest vendor version. | Maintain support, and offer new SOA-related features needed by the IT @ NU community. | AS_IdS | In Progress | On Plan | 7/26/2019 | 8/30/2020 | AS Leadership | Service - Information Mgmt - Solution Delivery | 106 |