

Data Modernization Initiative Equip internal and external stakeholders with actionable insight and data for decision-making purposes Design and implement a modern, flexible data architecture; Deliver usercentered value through dynamic access, robust governance and security Goals Identify and deliver high-priority Evolve current processes and websites reports and/or dashboards utilizing to support new offerings current data Planning & Proof of **Detailed Design** Concept THECE Texas Higher Education

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Data Modernization Initiative Timeline

Planning/Proof of Concept 9 months Execution 14 months













Aug - Dec 2020

- Planning begins with technical discovery and stakeholder engagement
- Conceptual design developed
 THECR data
- THECB data governance review launched
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Jan - Apr 2021

- Planning concludes
- Proof of Concept
- Procurement launchInitial technical
- projects launchEnhanced THECB data governance
- designed and implemented

May - Oct 2021

- Staff augmentation resources on board
- Project roadmap work launches on 12 of 19 projects
- Parallel focus on technical pipeline and public-facing assets
- Tri-agency data governance review launched

Nov 2021 - Jan 2022

- Complete work on technical pipelines
- Develop additional portals with differentiated data access
- Initial internal release of new public portal to include most frequently requested data

Feb - Sept 2022

- Launch initial public portal MVP
- Launch improved data submission portals
- Complete remaining technical projects
- Consider additional scope as budget and GEER timeline allows.
- Implement enhanced Tri-agency data governance, as needed

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Implementation Roadmap through Sept 2022

Accomplished to Date

- Established technical and production environments for testing and development
 Built quality assurance and user testing environments
- ✓ Launched work with Deloitte to support development of:
 - Form and document submission portal
 - Privileged data portal and secure data enclave
 Data management program including data

Completed assessment and recommendations report

Approved data governance charter and handbook by the

Launched new agency-wide data governance structure

Completed expert review of main website by new partners

Completed migration of websites from test environment to

Added web development resource to expedite technical

Completed review of Tri-Agency governance

Secured cloud-based hosting environment

to assess main website build

development environment

THE CB COORDINATING BOARD

- modeling and governance

 Change management and stakeholder engagement
 Sourced and contracted Forum One to provide design and
- development work for public portal UI/UX
 Resolved major system performance issues

Consolidated stakeholder input

data governance council

- Work in Progress
- Continue developing data products into new, improved user experience dashboards
- Launch quality assurance and user testing environments
- Complete work with Deloitte to launch privileged and secure data enclave portals and initial products
- Complete first release of the initial public portal data for internal testing and use
- Complete release of the data submission portal for use by institutions submitting Financial Aid Data System (FADS) reports using the modernized data pipeline
- Onboard vendor and launch design/development work for public portal UI/UX
- Leverage Deloitte data governance support to fully implement procedures and processes for the Data Governance Council (DGC), including external stakeholder group(s) to inform priorities and recommendations
- Prioritize and develop implementation approach for Tri-Agency data governance improvements to support new offerings, together with TWC and TEA
- Identify and procure a web-based solution for a comprehensive, accessible data dictionary
- Prepare to launch main agency website
 Plan for launch of refreshed data site, currently
- Initiate and implement internal change management training, begin external change management activities

- Planned Work through Sept 202
- Initiate stakeholder outreach and feedback based on change management and stakeholder engagement plans
- Iterate on product versions based on user feedback and input; continue development of new products according to a refined road map and prioritization
- Continue training internal team on new cloud components
- Migrate additional CBM reports to an enhanced data submission portal
- Finalize project charter to guide development of Tri-Agency governance structures, policies, and processes based on recommendations
- Solicit feedback from external stakeholder group(s) on priority THECB and Tri-Agency data governance
- Launch refreshed agency data website utilizing new UI/UX design
- Refine consolidated architecture and migration plan for all agency websites
- Continue implementation work with Deloitte on change management

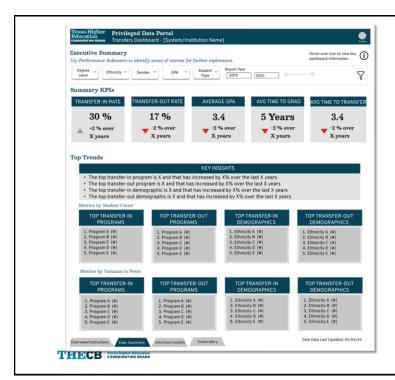
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Communications

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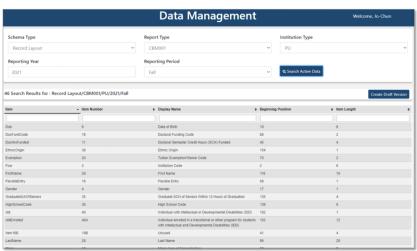
Privileged Data Portal: Draft Transfer Report

- Provided to authorized institution users only through automated Tri-Agency approval process
- Gives insight into incoming and outgoing transfer students
- Intended to help student success leaders better target advising and support efforts

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Administrative Portal

- Streamlines and automates data maintenance
- Enables subject matter experts to maintain business rules
- Centralizes record of changes over time



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Questions?

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