Barton IT Project Plan

This project plan involves other departments and many staff within Barton

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- Flash Retirement

- New MyBarton Portal

- Degree Works Upgrade

- New Barton Website

- VDI Virtual Desktop

- AdmitHub Chatbot

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What is driving such an aggressive task list?

FLASH! And COVID Fund Driven Tasks

- Announced 5 years ago Flash Technology expires December 31, 2020
- Impact
  - Instruction with online learning labs, Websites, MyBarton Portal, Degreeworks
- IT Team and The Center have issued notifications for several months
- **COVID** Funding is driving new implementations
  - AdmitHub Chatbot
  - VDI
  - Many other hardware and software items to keep learning moving forward for students; to help with retention and enrollment; and for staff resource/reference

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New MyBarton Portal

- Impacts students and employees

- Current portal uses flash

- Ellucian Experience –
  - Personalized Content and access to everything Barton
    - Email, Online Learning, Grades, Banner
  - Streamlines Integration
    - Allows connectivity across separate applications
  - Improves constituent experience
    - Provides content streamlined for the user. Modernized interface
  - Reduces IT Administrative Burden
    - Hosted in Ellucian Cloud
    - Simplifies enabling and disabling communication

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Degree Works Upgrade

- Impacts students for academic advising, transfer and degree audit

- Was using Flash Technology

- Ellucian Cloud upgraded Barton environment with latest upgrade

- Provides
    - Clarity
    - Personalized Advising
    - Simplicity
    - Student Planning
    - Advising Support
    - Soon to come Transfer Articulation

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New Barton Website

- Was running Flash

- Will be hosted in Google Cloud
  - Not running on traditional server
  - Using Kubernetes Clusters for reliability and scalability

- Allows content to be refreshed with ease

- Mobile friendly

- Will continue to look like it does now, at this time not much is changing other than the technology in the back ground

VDI – Desktop Virtualization
COVID Funding

- Impacts students that use Apple Products or Chromebooks
- Provides a Windows desktop for student in need
- Apporto is product moving forward with
- Leading edge technology, scalability and ease
- Single Sign On allowed through Canvas and MyBarton Portal

- IT heroics not required
  - Point. Click. Done
  - Hosted in Apporto Cloud
  - Allows different builds per classroom need

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AdmitHub Chatbot

COVID Funding

- New, is not impacted by Flash #1 used solution in Higher Education

- Allows students to find the right resources and information when they need it

- Uses AI = Artificial Intelligence – automatic responses allows immediate response

- It Learns as the Knowledge Base Grows

- Assists in retention

- Increase in enrollment

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Other COVID Funded Implementations

Goal: To improve remote access for students and employees and enhance student learning in a COVID restricted environment.

- 20 Ladibug document cameras to install
- 8 TV's to install & mount in classes to allow zoom students to be present
- Network and switches to upgrade
- Live Streaming equipment – Sling Studio
- Indoor/Outdoor audio equipment
- Respondus Monitor unlimited licensing
- Hardware equipment to assist with employee remote work
- Improved WIFI coverage in dorms
- Zoom Cloud recording storage increase

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When to be completed?

December 31, 2020