Yale SCHOOL OF MEDICINE
Office of Communications

This morning, the Tech Team released version YSM TECH 2017.48, which covers software development work completed over the past week.

Yale Medicine Website and Editing

Below is a list of updates that were made to YaleMedicine.org, along with the YM Publishing Tool used to edit condition articles, feature stories, and doctor bios:

Type	Title	Description	Category
🟥	YM preview site is not correctly reading JS/CSS	The YM preview site appeared without any style or formatting for a couple hours during Thursday morning (11/30).	YM Website
🟥	Title on Video Profile for Doctors should use the "Title" field set for the video in YMS	This updates the title displayed on video profiles to use the title entered in the YM publishing tool. See https://www.yalemedicine.org/doctors/david_mulligan/	YM Website
➕	Move Dek copy for Stories above the Hero image or video	Moved the YM "Dek" text higher on the page and closer to the Story title.	YM Website
🟦	Adjust "Related Organizations" sidebar box to include all parents	Show all parent Organizations in the "Related Organizations" box that appears in the side column of YM Department pages.	YM Website
🟩	Update the data feeds to display all parent orgs for organizations with dual parents in department "Related Organizations" box	For organizations with dual parents, show both parent organizations in the "Related Organizations" sidebar box on department pages.	YM Website, YMS DTO/Feeds

Type	Title	Description	Category
	Adjust existing breadcrumbs feed or create new feed to include all parents of an organization (including dual parents)	This feed enhancement describes more accurately Organizations with multiple parent Organizations.	YMS DTO/Feeds
	Add ability to filter by Organization on Manage Concepts screen	This makes it possible to view Concepts associated with a given Organization's Specialties on the Manage Concepts page (http://prod.admin.profile.yale.edu/YaleMedicine/Concepts/Index)	YM Publishing Tool (YMS)
	Rename Story "Category" to "Type" in the codebase on Yale Medicine website side.	This refactoring brings YM code into better agreement with the way Stories are represented in the YMS database.	YM Publishing Tool (YMS)
	Rename Story "Category" to "Type" in the codebase on Profile System (YMS) side.	Rename 'Story Category' to 'Story Type' in the codebase of YMS including changes in the database, web services, business layer.	YM Publishing Tool (YMS)
	Vanity URL Manager should strip /index.html out of URLs on the way out	The two URLs https://yalemedicine.org/index.html and https://yalemedicine.org/ point to the same page but when using web analytic software they can appear as different pages. This task eliminates "/index.html" from appearing.	Project Tools
	Consider changing the "Default Page" setting in Google Analytics	Google Analytics reports showed incorrect links to content without a file extension, such as Yale Medicine stories and condition articles. Updated GA settings to correct.	Project Tools
	Provide the URL for a cropped image in feed for "monthly digest" notifications	The "monthly digest" email for YM members will now include images cropped to efficient sizes. Please note that this email is not yet being sent.	Notifications

School of Medicine Websites

Below is a list of updates made to the T3 YSM websites:

Type	Title	Description
	Template 3 Main Navigation Subnav Flickering Bug	Navigation dropdown menus sometimes appeared and disappeared rapidly in certain cases when it should be displaying normally.

Type	Title	Description
🔴	Dev T3 Image Server Profile Images	Images were not appearing properly in YSM website development environment.
➕	Add "- Present" for date range of professional service if there is no end date in T3	Added "- Present" for still active Professional Services in T3 doctor profiles.
➕	Create Security File Cleanup Web Job	The T3 websites creates XML files to accommodate access restrictions. This task was to implement software that would remove files that have expired.

News and People Profile System

Below is a list of updates made to the system used to edit profiles for people and organizations, along with news, events, and clinical trials:

Event Calendar

Type	Title	Description
🔴	Certain Imported Events Cannot be Added as Featured Events to a Calendar	Adding "featured events" to the Weekly Digest failed with some older, imported events.
➕	Change EventOccurrence List Feed Object so All Day events appear until startdate is after All Day Event endDate	Updated the data feeds to keep "all day events" displaying in event listings after they have begun.

Accessibility

Below is a list of updates made to websites and systems to meet WCAG A and AA accessibility standards:

Type	Title	Description	Category
➕	Add heading to Search Results pages	For accessibility, our Search Results pages now have better headings.	YM Website

Infrastructure and Backend Systems

Much of the team's work is never seen, but important projects are ongoing to make sure our systems and websites are stable, highly available, and cost effective. We continue making major improvements to our infrastructure and work in this area will be ongoing into 2018.

Type	Title	Description

Type	Title	Description
➕	Setup European Search Index	Based on previous research, setup a production worthy search index in Northern Europe and begin to build out the global redundancy solution.
🔴	Include external dependencies into DD4T.Utilities NuGet packages	Setup for Template 3 search to use new navigation service for breadcrumbs.
➕	Geo-Redundancy for SQL Data - YMS	This is an effort to create more ge-redundancy with our SQL databases so that we can easily failover to a different part of the world if the location where our primary SQL database are located has a disaster (natural like hurricanes or other).
✅	Shrink disk sizes on SDL Development environment	The development environment uses three disks. This task is to combine the three into a smaller, more cost effective disk.
🔖	Migrate away from Technolutions Media Library Platform	Multiple month project to acquire original media files from Technolutions, load content from Technolutions to Vimeo, update/republish SDL components and pages, make changes to source code to play new Vimeo files and produce progress reports for auditing at numerous milestones within the project.
🔴	SSL Certificates for Profile System	Request and apply SSL certificates for the Profile System to fix the outage experienced on Nov 30.
➕	New Login for Minsk Team to remote into servers	The development team in Minsk performs deployments early morning our time and sometimes requires restarting SDL services. Prior to having this login, they had to wait several hours for us to get into the office to assist, this will allow them to perform the task without hindering the deployment.
✅	Resize virtual machines that are oversized	Shrunk the size of three virtual servers which were scaled larger than necessary.
🔴	Unable to republish multiple items from publishing queue on admin.medicine.yale.edu	This is a feature used for SDL Administrators that stopped working after our 8.5 upgrade. It works again.
➕	Migrate production SDL CM database to new drive	The main SQL databases for SDL were moved to make resource allocation on the server more efficient and cost effective.
➕	Delete SQL Backup drive on prod SDL CME server	The SQL backups were moved to use less expensive storage. This task deleted the disk from the server.

Type	Title	Description
➕	Create web job to cleanup old SQL backups	SQL Backup files are about 200GB in size and are created multiple times a day, this task created an application that now deletes the files that are older than 100 hours.
➕	Update all Technolutions Video components in Live Broker	This replaced the Technolutions unique identifier stored in SDL to the Vimeo playback URL so that the videos will come from Vimeo instead of Technolutions.
☑	Audit the converted Technolutions Content and review	Produced a report of all the Technolutions audio/video content that was moved to Vimeo and updated in SDL to identify potential problems.
🔴	VUM Rule that will not pass standard validation editor	There are many tests in place to ensure rules are valid before entering the system, since a single poorly written rule can cause all our websites to stop working. This bug is to allow a special rule type to enter the system even though it appears to fail normal validation.
➕	Improve management of user permission for the vanity url manager interface	Users can now be managed in a SQL database instead of editing a configuration file that would require deploying the application each time user permissions must change.
☑	Update scripts on Sync VM	Updated the scripts used for our daily data sync with Workday.
☑	Migrate YM dev/acceptance deployment to newly created app services	Updated YM deployment process in order to deploy to newly created app services.

New Projects

The team has begun work on the three new projects: **Media Library** (this will introduce streaming video and audio storage to the Profile System for people, organizations, news and events), **CV Builder** (to generate faculty CVs from the profile system), and a rebuild of the **Flyerboard**, the school's digital signage system. While these projects will not launch until 2018, below are a list of tasks the team completed this week:

Type	Title	Description	Project
☑	Add dropdown when "committe" is selected in Honor&Services→Professional Services->Add service->Category	Added a new dropdown when the user selects "Committe" from dropdown Honor&Services→Professional Services→ Add Service→ Category which captures the commitee type	TECH-2933 - CV Builder

Type	Title	Description	Project
☑	Flyerboard project preparation	As the team begins to rebuild the Flyerboard application, this task was to investigate the current Flyerboard project architecture, the infrastructure currently used, and create a basic project plan for the rebuild.	TECH-2941 - Flyerboard
▣	Add DB update requests to Azure Function	This task is about the creation of appropriate records in a database when media was uploaded and adding updates after it was encoded.	

Key

▣ = Bug
➕ = New Feature
☑ = Task