





This morning, the Tech Team released version YSM TECH 2017.49, 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
<input type="checkbox"/>	CSS and JS problems on dev preview and acceptance preview sites	Development environment preview YM site appeared with no style or formatting.	YM Website
<input type="checkbox"/>	Some images are not displaying on the preview YM website	Some images were not appearing on the YM preview site.	YM Website
<input type="checkbox"/>	Takeaway content pushes Slideshow down, but doesn't push its arrows down	Fixed the issue when the Takeaway was above the slideshow and pushed it down as expected but didn't push the slideshow arrows down.	YM Website
<input type="checkbox"/>	Accordion floats alongside an inline image; should be below it	Accordion section floated alongside an inline image in stories and concept articles instead of pushing below the image.	YM Website
<input type="checkbox"/>	When floating alongside an inline image, ordered lists overlap the image	Ordered lists overlapped an inline image when floating alongside the image.	YM Website
<input checked="" type="checkbox"/>	Add "- Present" for date range of professional service if there is no end date	Added "- Present" for still active Professional Services in YM doctor profiles.	YM Website

Type	Title	Description	Category
	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
	Implement database changes to store history for YM slugs in YMS	Added additional tables in a database to store previously used page names for articles, departments and users.	YM Publishing Tool (YMS)
	Article Disappeared from Publish Admin tool	Two condition articles were inadvertently deleted, they have been restored in the system. It was not a bug.	YM Publishing Tool (YMS), YMS DB
	Add "Download Results to Excel" capability to Concepts Management screen	Added a "Download to Excel" option for Concepts Management at <a href="http://prod.admin.profile.yale.edu/YaleMedicine/Concepts/Index">http://prod.admin.profile.yale.edu/YaleMedicine/Concepts/Index</a> .	YM Publishing Tool (YMS)


## School of Medicine Websites






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

Type	Title	Description
	Prepare publish profiles for T3	Prepared publish profiles for T3 Continuous Integration. This enables development work to be seen more quickly on our dev website.
	Move T3 indexes into the Azure Search services used by YMS and YM	Development and Acceptance T3 search indexes were moved into the search account which is used by other Development and Acceptance applications.



## 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:

Type	Title	Description
	NetIDs of newly entered users in OnCore are not syncing in YMS	New users entered in OnCore were not syncing into profile system, so they did not appear in trials.


Type	Title	Description
	<a href="#">Google Search leads to Dev site</a>	Added robots.txt for all environments in Web Services.
	<a href="#">Post message if person is logged out of Profile System and prompt to save</a>	Improves the user experience when login sessions to the Profile System expire due to inactivity.
	<a href="#">Create a new YMS Admin maintenance page that is part of the YMS solution</a>	This will enable us to better manage and improve the maintenance page we display when the Profile System is down for maintenance.
	<a href="#">Display a custom error message after automatic logout from YMS</a>	Inform the user when an automatic logout from the Profile System has occurred.
	<a href="#">Post a message about "log out" due to inactivity</a>	Profile System users will now be warned when their session is about to expire due to inactivity, and given a chance to renew it.

## Event Calendar

Type	Title	Description
	<a href="#">Calendar Date Selector in Safari</a>	Calendar date picker popup appeared larger than normal and empty.
	<a href="#">move calendars from one to org to another</a>	Added interface to move calendars from one organization to another.


## Accessibility












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

Type	Title	Description	Category
	<a href="#">Eliminate usage of <i>tag for icons</i></a>	Eliminate using of <code>&lt;i&gt;</code> tag for icons	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
	<a href="#">Setup new USA Search Index (second)</a>	This task setup a second USA location based search index to improve application availability and stability. Additional steps are necessary but the search indexes are foundational.

Type	Title	Description
	Setup new USA Search index	Replaced an existing search index with a new one using the new naming convention. This is also a step in making our search indexes globally redundant.
	Deploy new search index code into production	This work completes the globalization for the search indexes.
	Implement system to replicate indexed data to globally distributed indexes	This task takes the code developed for a concept and makes it ready for production release.
	Update YM configuration system to support different search services	Updated YM configuration system for globalizing search indexes.
	Migrate T3 dev/acceptance deployment to newly created app services	T3 dev/acceptance app services were moved to newly created app services.
	Setup Dev/Acceptance server schedule	Some servers are not required to run 24/7, this task setup applications to automatically start and stop servers based on a schedule. Since we only pay for servers that are running, this will help reduce our costs to run servers that are only used during development hours.
	Azure App Service Plan Consolidation - production apps	Reconfigured Azure Application Service Plans to make their use more efficient and cost effective. This is part one of this change, a separate ticket will be submitted for part two work to be completed within the next two months.
	Move temp SDL storage account from sandbox to production	A temporary storage container was created in our development region that has become an integral part of our production SDL servers. This task moved it into the correct location in Azure so it is treated as a production entity.
	Alchemy broken in acceptance admin	Alchemy is a framework that allows us to easily add plugins to SDL. A configuration change caused the plugin to stop working which was fixed by uninstalling Alchemy and then re-installing it.
	Application to automatically restart SDL Services after servers restart	When a server is restarted, the SDL services that run workflow and publishing may not start in the correct order causing them to appear as if they are running but they are not available. This task created an application that will correct this automatically when a server is restarted.
	VUM Custom Outbound Rule for Expert Rule Creation - new option needed	This task made it possible to create even more complex rules.

Type	Title	Description
✓	Move VUM database	This task moved a database into a shared resource group to help consolidate production databases for cost savings measures.


## 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 CosmosDB integration	Integrate Azure CosmosDB as data storage in Signage project	TECH-2941 - Flyerboard
✓	CosmosDB investigations	Investigate Azure CosmosDB, determine benefits and drawbacks of using it in Signage project	TECH-2941 - Flyerboard
✓	Develop DB structure for Flyerboard Configs	Develop object models for storing config data in Signage project	TECH-2941 - Flyerboard
✓	Configure ESLint	Configure tool for checking code's formatting errors for the Signage project	TECH-2941 - Flyerboard
✓	Configure Webpack for the Flyerboard front-end	Configure tool for generating client-side result bundles in the Signage project	TECH-2941 - Flyerboard
✓	Create basic React/Redux project structure	Create basic structure of the client-side for the Signage project	TECH-2941 - Flyerboard
✓	Add controller for passing index.html to the client-side	Pass the main index.html file to the client-side for the Signage project	TECH-2941 - Flyerboard
✓	Add logic for passing screen's XML config to the client-side	Pass screen's configs to the client-side in the Signage project	TECH-2941 - Flyerboard
✓	Add logic for dynamically getting screen's XML config	Add logic for getting screen's XML config in the Signage project	TECH-2941 - Flyerboard
✓	Configure AutoMapper for Flyerboard back-end	Configure library for mapping objects in the Signage project	TECH-2941 - Flyerboard
✓	Configure Dependency injection for Flyerboard back-end	Configure library for dependency injection in the Signage project	TECH-2941 - Flyerboard
✓	Create initial project structure for Flyerboard back-end	Create basic structure of the server-side for the Signage project	TECH-2941 - Flyerboard

---

## Key

 = Bug

 = New Feature

 = Task

---