On Thursday morning, the Tech Team released version YSM TECH 2018.12, which covers software development work completed over the previous 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
☑	Add SendGrid Categories to emails from Yale Medicine	Added categories to emails sent from the Yale Medicine website so that we can better track usage and history for the email share tool.	Notifications

School of Medicine Websites

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

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

Accessibility

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

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 in 2018.

Type	Title	Description

Type	Title	Description
➕	Create system for Abort Requests in Nginx	Malicious attacks are made against our websites many times per minute. This task implemented a system that would abort the requests as soon as possible to avoid using our resources more than necessary.
➕	Change the Staywell Proxy URL in Yalemedicine.org	This task caches a copy of the response from Staywell to improve web page response time and also ensure content delivery takes place even if the Staywell service has an outage.
➕	Move A records for Yalemedicine.org to Nginx	This finishes lower priority work to move Yalemedicine.org behind the Nginx Cache servers. This was deferred until production testing was completed since these changes are harder to back out of in the event of issues arising from the change.
✅	Eliminate European SQL stack	Our focus for global redundancy is the use of cached web content instead of replicating our entire SQL/Web server infrastructure globally which improves availability and reduces our costs.
✅	Test 8.5 Cache Channel Service	We will be using Nginx instead of the SDL cache service.
✅	New VUM Stack	This task was to setup a new VUM stack that eliminates a piece of software in the current VUM stack that cannot be uninstalled. Won't Do: Rather than do this, we will focus our efforts on eliminating VUM entirely.

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 later in 2018, below are a list of tasks the team completed this week:

Type	Title	Description	Project
➕	Create vanity URL for CV Builder	Creates a vanity URL for faculty to easily upload their private CVs to the profile system: http://prod.admin.profile.yale.edu/UploadCV	TECH-2933 - CV Builder
✅	Investigate Youtube API	Investigate Youtube API for the Multimedia module in the Signage project	TECH-2941 - Flyerboard
✅	Wunderground integration	Integrate Wunderground weather service into the Weather module	TECH-2941 - Flyerboard

Key

🔴 = Bug
➕ = New Feature
☑️ = Task