

WCMS PRIORITIES

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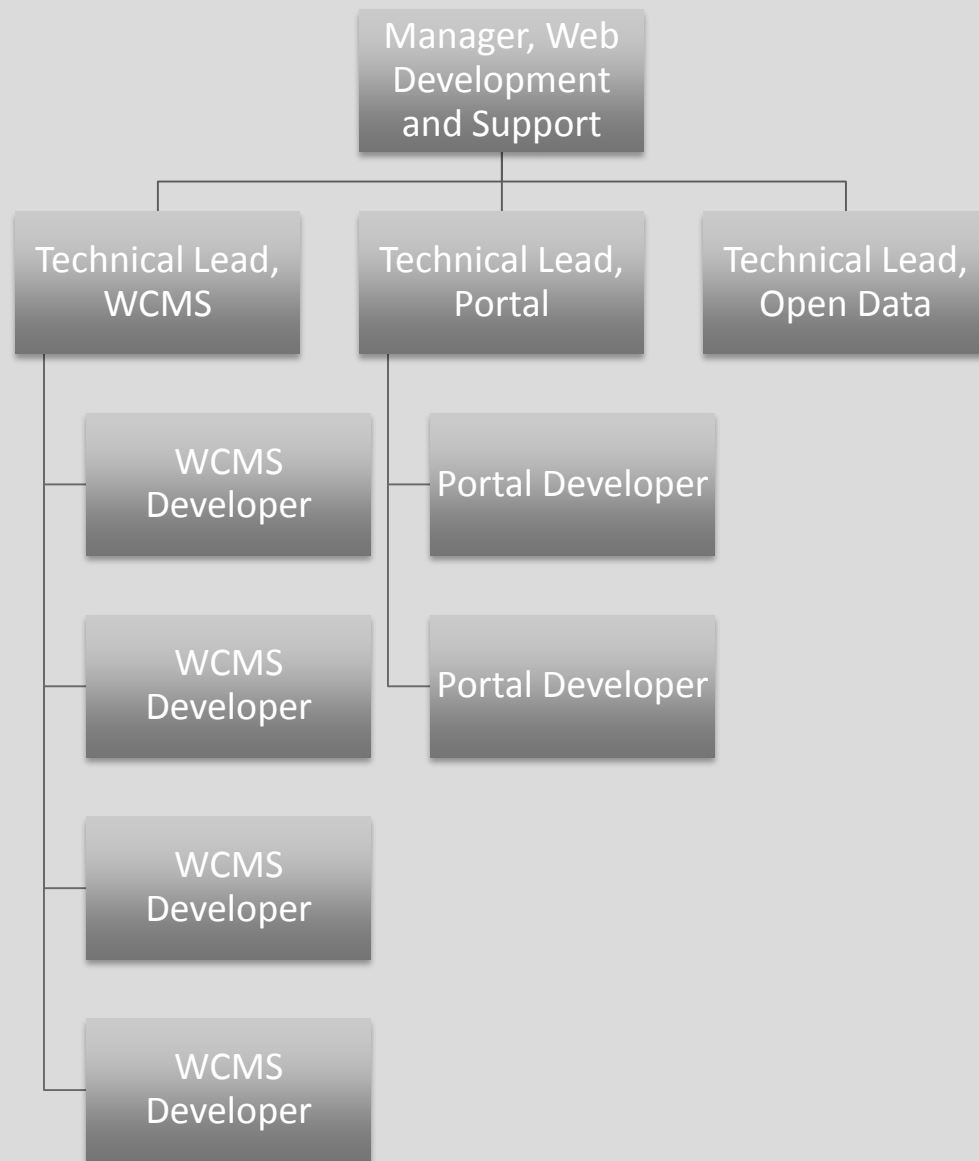
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AGENDA

- Backlog
 - » Categorization
 - » Prioritized Requested Features and Functionality
 - » Goals
- Strategy
 - » Agile
 - » Continuous Integration
 - » Development Roadmap
- What we've been up to lately
 - » 1.10 major release
 - » 1.11 major release
 - » Waterloo Magazine
 - » Campus Map
 - » Responsive Redevelopment Project

uwaterloo.ca

- WCMS (Waterloo Content Management System)
 - » The University of Waterloo Drupal distribution
 - » Centrally supported website creation and maintenance tool
 - Single platform for the entire university
 - » Open Source
 - » Modular extensibility
 - » Common Look and Feel
 - » Of the 800 websites on campus, 480 have already been migrated into the WCMS

Drupal™ RULES EDUCATION

26% OF ALL .EDU SITES USE DRUPAL

26.1% [THAT'S DOUBLE THE NEAREST COMPETITOR!]

Platform	Percentage
DRUPAL	26.1%
WORDPRESS	13%
EXTRON	12.6%
JOOMLA	8.6%
SHAREPOINT	8.4%
OPENTEXT	5.8%

DRUPAL IS USED BY 71 OF THE TOP 100 UNIVERSITIES

INCLUDING MIT, HARVARD & EVERY IVY LEAGUE SCHOOL

DRUPAL IN EDUCATION WORLDWIDE

DRUPAL IS USED ACROSS THE 50 STATES AND IN DIFFERENT LANGUAGES ALL OVER THE WORLD. SOME NOTABLE EXAMPLES:

- UNIVERSITY OF OXFORD
- ÉCOLE POLYTECHNIQUE DE PARIS
- UNIVERSITY OF HELSINKI
- AUSTRALIAN NATIONAL UNIVERSITY
- KYOTO UNIVERSITY
- CHINESE UNIVERSITY OF HONG KONG

"Thanks to Drupal, we've gone from having to manage over 70,000 pages, to centrally managing several dozen content areas. Content is unique to its respective parent site, but can be shared across sub-domains easily and dynamically according to how it's profiled and tagged. Information can be made available on demand, for whomever needs it!"

—Michael Moloney, Web Architect - Bentley University

GENIUSES PREFER DRUPAL!

The MENSA INTERNATIONAL website runs on Drupal...how smart is that?

Acquia™
WWW.ACQUIA.COM

TOP 100 UNIVERSITIES: Based on US News & World Report's World's Best Universities. Full listing can be found at www.usnews/education/rankings/education-edu-leadership-statistics.
EDU USAGE STATISTICS: © 2010 Web Intelligence Ventures. 10 May 2012. www.techpage.com/education/edu-leadership-statistics



BACKLOG

IDEATION INITIATIVE

- Piloted with PMG as part of the IT Service Quality Management project
- Improve process for handling new ideas for the WCMS service
- Review backlog of open requests to assess, triage, and implement as appropriate
- Set goals for issue resolution and development milestones
- Communicate priorities more effectively



BACKLOG CATEGORIZATION

- Categorized into:
 - Change
 - Feature requests, small programmatic change requests, etc.
 - Unplanned Change
 - Bugs, break/fix, etc.
 - Project
 - Any change request that could be considered an 'epic' or take multiple sprints
 - Infrastructure
 - Server-side changes, hardware related, etc.
 - Dropped
 - Requests that we were able to close in the process of reviewing because they were already resolved, had a workaround in place client was happy with, was outside of scope, or not feasible.

A	B	C
Category		
Change	131	36.90%
Dropped	109	30.70%
Project	50	14.08%
Infrastructure	35	9.86%
Unplanned	6	1.69%
Bug	24	6.76%
TOTAL	355	

GOALS

- 25% resolved by new fiscal – completed
 - » Completed 30%
- 75% by next fiscal
 - » Many backlog items are core requirements of the WCMS Responsive Redevelopment project
 - » Major feature requests prioritized by WAC

PRIORITIZED REQUESTED FEATURES AND FUNCTIONALITY

- Ranked by Web Advisory Committee, to ensure our priorities are aligned with our stakeholders
- Remaining feature requests from this list scheduled in sprints until October

Completed

- [Scheduled content posting/removal](#) (released in 1.10)
- Submit tickets to RT via dashboard (released in 1.10)
- [Decimal ordered lists](#) (e.g. 1, 1.1, 1.2, 2) (released in 1.10)
- Site-specific search (released in 1.10)
- [File deletion](#) (released 1.9.6)
- [Support for LaTeX equations](#) (released 1.9)
- [Events calendar](#) (released 1.8)
- [Randomized Promotional items](#) (released 1.8)
- Windows 8 "start screen tile" (<http://www.buildmypinnedsite.com/>) (released 1.8)
- Social media sharing (released 1.7)
- Instagram support for [the central social media listing page](#)
- Improve look and feel of Varnish error page that appears when sites are offline
- Twitter card support
- Facebook Open Graph tags support

<https://uwaterloo.ca/web-resources/wcms-users/features-functionality/requested>

Requested

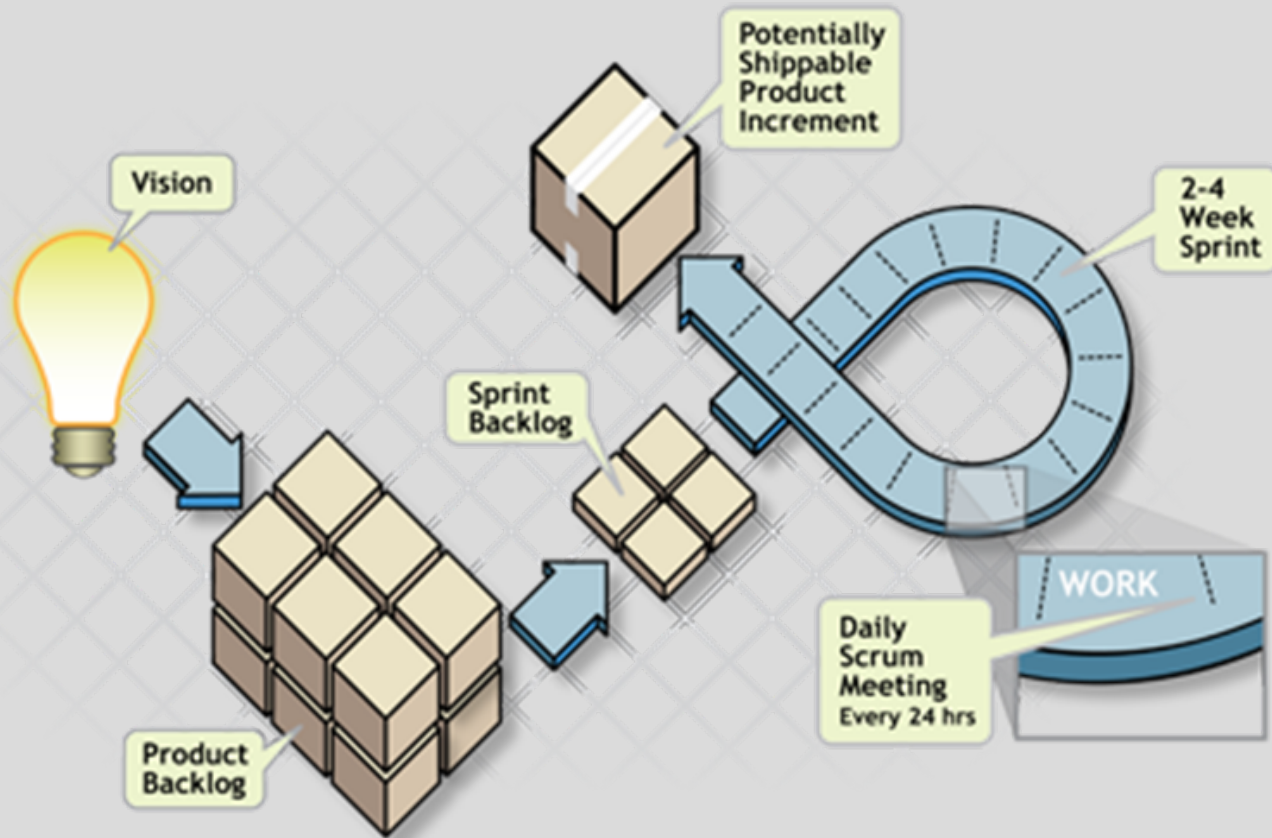
As of January 20, 2015. In order of ranking by the [Web Advisory Committee](#).

1. Theme redesign with responsive layout
2. Integrated accessibility checker
3. Cross site content sharing
4. Site-specific search (released in 1.10)
5. Site-wide search and replace
6. Publications capability (online newsletters, magazines etc..)
7. Pages and/or sections that require authentication to access
8. Create Person content type & clean up Contact and Person Profile content
9. Files that require authentication to download/view
10. Upgrade campus map to non-flash version (non-Drupal)
11. Event registration
12. Ability to create stylized Call To Action buttons in a site
13. Improve create/manage content page usability
14. Locally hosted videos (use case: copyright doesn't allow YouTube)
15. 'Facts and figures' style/content type for sidebar content
16. Multiple image uploading
17. Wide everywhere
18. Proper multilingual support
19. Pages and/or sections that require authentication to edit
20. Additional metadata for search
21. Captioned (non-full-width) images
22. File renaming (both at upload and at arbitrary times)
23. Content type and functionality for job postings and volunteer opportunities
24. Custom blog URLs
25. Slideshows/banners on other pages and/or regions
26. Ecommerce support
27. Rollover images
28. Tabbed content areas
29. Sites for faculty/researchers
30. Multiple day events with multiple dates and times
31. Vimeo support
32. Twitter card support (meta tags – see <https://dev.twitter.com/docs/cards>)
33. WYSIWYG interface for definition lists
34. Question and answers (social voting)
35. Syncing with Google Calendar
36. Dynamically generated custom listing pages
37. "Lightboxes" for images
38. Additional unordered list bullet styles (e.g. checkmarks)
39. Non-WATIAM Drupal accounts (commenting, webforms, etc.)
40. Multiple blogs on a single site
41. Blog comments for WatiAM users
42. Email reminders for reports
43. Arbitrary Google maps
44. Facebook Open Graph tags support (meta tags – see <https://developers.facebook.com/docs/opengraph/>)
45. CKEditor source view syntax highlighting
46. Improve look and feel of Varnish error page that appears when sites are offline
47. Organizational charts
48. Podcast embedding/audio player outside of blog posts
49. New content type for meetings (capture agendas and minutes)
50. Existing site functionality (pointing back to old site from WCMS)
51. Unlisted events (only accessible if you know the link)
52. Estimated reading time (for content authors)

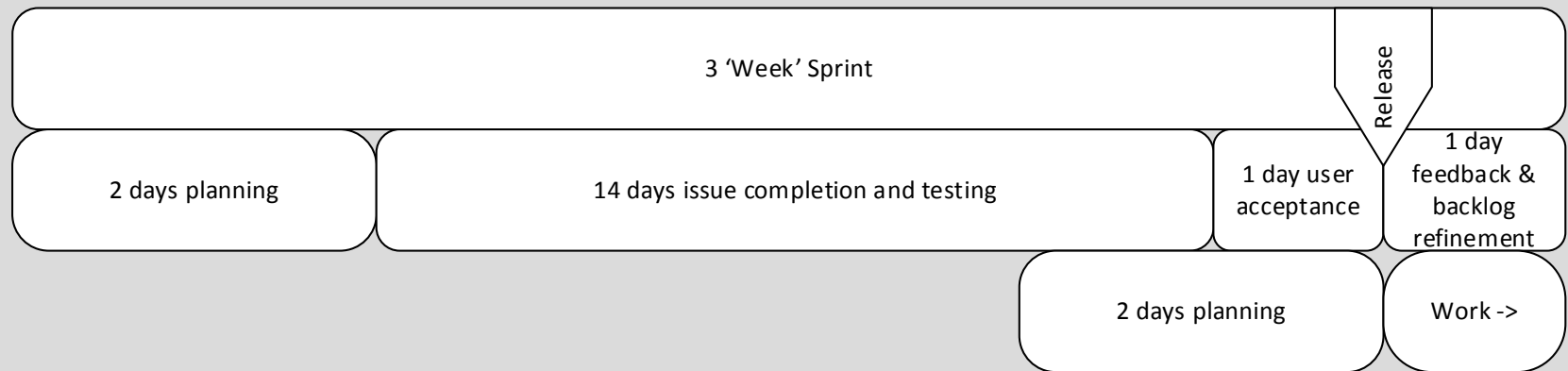
STRATEGY

‘Release early, release often. And listen to your customers.’

SCRUM



CADENCE PATTERN



CONTINUOUS INTEGRATION

- Jenkins
- Integrate developers code into master seamlessly with automated testing
- Automated release and deployment management
- Goal is to release at the end of each sprint



DEVELOPMENT ROADMAP

- Our plan to achieve short and long terms goals with WCMS
- Developing in the open
- Forecast and coordinate WCMS developments

Sprint name: Tabitha (Mar 31 – April 20)

Epics:

- Responsive publication site port
- COPE for Events (#3 on [requested features list](#))
- WCMS responsive theme
- Set up Jenkins for WCMS continuous integration
- Automated testing

New Features:

- Salesforce webform integration for Engineering
- Job and Volunteer Opportunities content type
- Vimeo support
- Tint embedding
- CKEditor 4

Projects:

- Update collaborate.uwaterloo.ca to Open Atrium 2 (#53 on [requested features list](#))
- Security
 - Content security policy headers
- Important dates for Open Data
- Daily Bulletin migration
- Admissions and Entrepreneurship pages

Bugs, fixes and improvements:

- Home page features cleanup for better maintenance
- Fix single-event iCal issue
- Event iCal files should feed proper date/time information
- Investigate Node Revision Delete
- Investigate Node Export
- Restore RSS for Events
- Module updates (3)

<https://uwaterloo.ca/web-resources/wcms-users/features-functionality/development-roadmap>

DEVELOPMENT ROADMAP

Web development roadmap

This page lists development roadmaps for our sprints. We believe in developing in the open as much as possible and hope that this is helpful for you, our clients to understand our workload, commitments, timelines, priorities, etc. We appreciate your support and welcome your [feedback](#).

Current sprint

[Veronica \(May 12 - Jun 01\)](#)

Future sprints

- [Jun 02 - Jun 19](#)
- [Jun 22 - Jul 10](#)
- [Jul 13 - Jul 31](#)
- [Aug 3 - Aug 21](#)
- [Aug 24 - Sep 11](#)

Previous sprints

2015

- [Ulysses \(Apr 21 - May 11\)](#)
- [Tabitha \(Mar 31 - Apr 20\)](#)
- [Seamus \(Mar 10 - Mar 30\)](#)
- [Raquel \(Feb 25 - Mar 9\)](#)
- [Quentin \(Jan 26 - Feb 17\)](#)
- [Penelope \(Jan 6 - Jan 19\)](#)

2014

- [Odin \(Nov 21 - Dec 15\)](#)

- All WAC Prioritized Feature Requests have been scheduled in future sprints
- To be completed within the next 6 months

WHAT HAVE WE BEEN UP TO RECENTLY?

WCMS VERSION 1.10 RELEASE

Features/Functionality

- Added **scheduled content publishing** and unpublishing
- Added a link to **submit RTs via the dashboard**.
- Added **site specific search** option.
- Added **support for Google Universal Analytics** code.
 - » **NOTE:** Site Managers need to **upgrade their WCMS site(s) to use Universal Analytics** before **September 1, 2015**.
- Added support for **decimal ordered lists** (e.g. 1, 1.1, 1.2, 2, etc.).

Fixes/Updates

- Made **services** automatically be children of the "Services" menu.
- Fixed an issue where updated **dashboard news items** would be displayed multiple times.
- Configured **blog** and **services** content types to feed to **open data**.
- Restored sorting **events** in reverse chronological order when "past" is selected from the dropdown.
- Token browser in **web form** will now collapse the token tree.
- Made **LDAP lookups** more gracefully handle downtime on the LDAP server.
- Made the **WCMS support** and **administrator** roles expire automatically after 24 hours when automatically assigned.
- Fixed Linkchecker error message when creating **contacts**.
- Fixed issue causing "#contextual_links" errors on the **dashboard**.
- Fixed an issue where **WCMS support** users were missing certain permissions.
- Fixed an issue with **YouTube embeds** in some browsers.
- Disabled the ability to create redirects from the home page.
- Installed and configured the underpinnings for proper multilingual support.
- Removed modules no longer in use from profile.
- Updated approximately 40 modules in profile.

Theming changes

- Updated the **generic theme** to use the new university logo.
- Updated the **generic theme** to properly support wide homepage banners.



<https://uwaterloo.ca/web-resources/news/wcms-version-110-release>

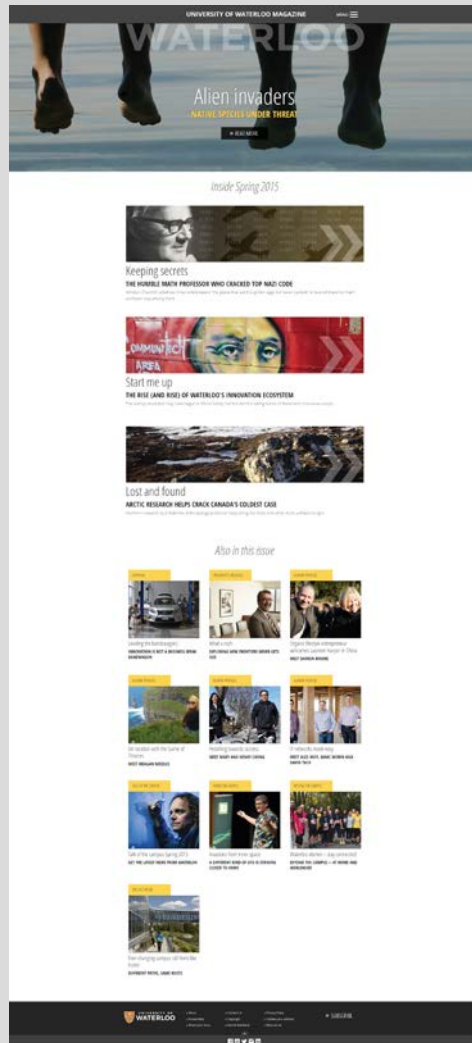


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RECENT SPECIAL PROJECTS

- Waterloo Magazine
- Telephone Directory
- CAS login page
- Campus Map
- Admissions
- Entrepreneurship

WATERLOO MAGAZINE

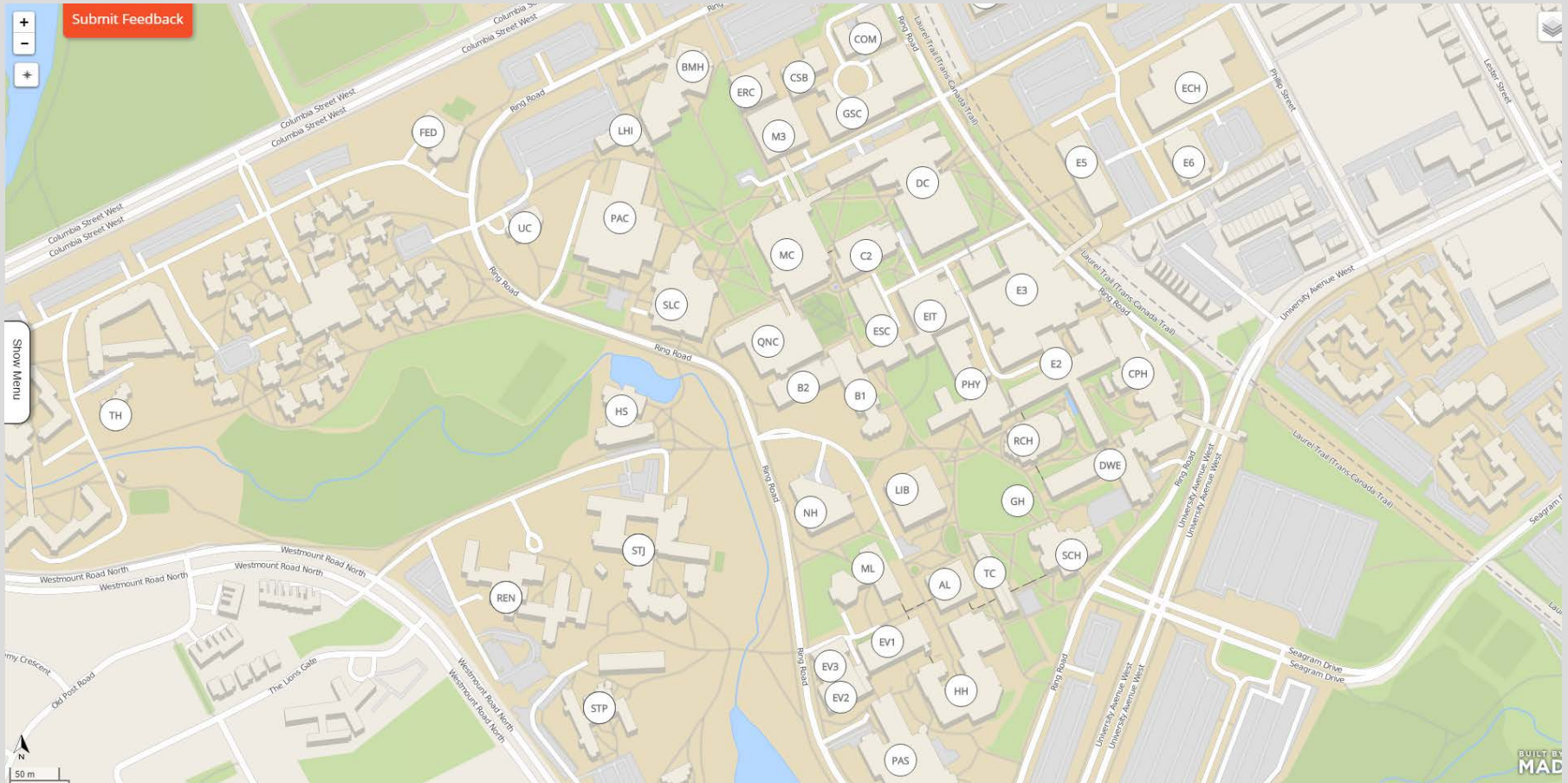


- Responsive, mobile friendly
- Basis for all Publications websites moving forward
- Collaboration with MSC



<https://uwaterloo.ca/magazine/>

CAMPUS MAP



<https://uwaterloo.ca/map-beta/>



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WCMS REDEVELOPMENT PROJECT

WCMS 2.0



CTSC



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PROJECT SCOPE

- **Project overview**
- Project governance
- Project strategy

Scope

- Implementation of fully responsive website front-end and administrative interface.
- Implementation of system architecture supporting COPE strategy.
- Refactoring of existing code where required to align with new components, practices or requirements.
- Refinements in tooling and development process to improve support for continuous improvement of the products.

Out of scope

- Redevelopment of existing site content to align with modifications to content types arising from project work.



ROLES & RESPONSIBILITIES

- Project overview
- **Project governance**
- Project strategy

- Requirements from users (Backlog from WAC)
- Standards come from Project Champions and their teams
- Direction and decisions from Web Steering
- Sponsors accept deliverables as complete



3 THEMES OF WORK

- Project overview
- Project governance
- **Project strategy**

1. Progress visible to the stakeholder
2. Investment in infrastructure
3. Investment in development capabilities



QUESTIONS?

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