VCU Web Standards & Guidelines Supplemental Information

1. General
   1.1 Representation
      VCU Health Hosting
   1.2 Copyright
   1.3 Commercial Activity
      Policy
      Examples
   1.4 Sexually Explicit Content
      Policy
      Written Warning Statements
      Using CAS to Restrict Access
   1.5 Blogs
      Blog Components & Links
      Blog Definition
   1.6 Visibility & Ownership
      Non-Public Websites
      What is the A-Z Index?
      The Importance of Site Owners or Technical Contacts
   1.7 Archival & Removal
      Archival
      Removal

2. Accessibility
   2.1 Federal
      2.1.1 Skip to Content Links
         Skipping to Main Content
         Visibility & Location
      2.1.2 Unique Title Tags
         The Importance of Unique Title Tags
         Structure
         Example Title
      2.1.3 Input Labels
         The Importance of Input Labels
         Visibility
Code Example 14
2.2.6 Readability with Disabled Stylesheets 14
   The Importance of Readability with Disabled Stylesheets 14

3. Branding 14
   3.1 Branding Bar 14
      VCU Health Branding 15
      Menu & Search Icons 15
      Using the Branding Bar Script 15
   3.2 Unofficial Logos & Seals 15
      What are Unofficial Logos & Seals? 15
   3.3 Unit Context 15
      Context is Important 15

4. Captioning 15
   4.1 General Public & Employees 15
   4.2 Students 16

5. Content 16
   5.1 VCU Homepage Link 16
      Details & Example 17
   5.2 Parent Unit Link 17
      Importance & Implementation 17
   5.3 Contact Information 17
      Required Information 17
      Importance & Implementation 17
   5.4 Last Updated Date 17
      Importance & Implementation 17
      Out-of-Date Content 18
   5.5 Postal Box 18
      United States Postal Services Trademark 18
   5.6 Inclusion Links 18
      Required Inclusion Links 18
         Accessibility Link 18
         Technical Support (Webmaster) Link 18
         Privacy Link 19
   5.7 404 Page 19
      The Importance of a Helpful 404 Page 19
      Implementation & Example 19
   5.8 Search 19
      Exceptions 19

VCU Web Standards & Guidelines, Supplemental Information, Version 2.6
Implementation 19
5.9 Course Information 20
Supplementary Information 20
Importance 20
5.10 Third Party iFrames 20
Details 20

6. Content Management 20
6.1 CMS Platform 20
Requesting a CMS Managed Website 21
6.2 Direct Edit Link 21
The Importance of the Direct Edit Link 21
How to Implement a Direct Edit Link 21
6.3 Navigation Tags 21
The Importance of Navigation Tags 21
Best Practices 21
6.4 Configurable Global Header & Footer 21
The Importance of Configurable Global Header & Footer Sections 22

7. Design & Browser Compatibility 22
7.1 Modern Support 23
7.2 Structure & Layout 23
7.3 External Stylesheets 23
Best Practices 23
7.4 Faviconns 23
7.5 Development Environments & Resources 23
7.6 Flash 23
Security Vulnerabilities & End-of-Life 23

8. Domain 23
8.1 Top-Level Domains 23
Exceptions 24
Examples of Exceptions 24
8.2 Subdomains 24
Examples 24
Exceptions 24
Examples of Exceptions 24
8.3 University & Mascot Names 24
Examples of Non-Compliance 25
"VCU" portmanteaus 25
Examples of Non-Compliance 25
1. General

1.1 Representation
Websites must represent VCU and not the VCU Health System.

VCU Health Hosting
Content describing patient or clinical services must be hosted on vcuhealth.org.

1.2 Copyright
Websites must comply with the VCU Intellectual Property Policy.

1.3 Commercial Activity
Websites must not promote commercial activity outside of official university business. Pages located on university servers may not be used to promote commercial activity, personal business, nonprofit organizations and/or religious groups (outside of student organizations) or to promote personal financial gain, except as may be permitted by other university policy or regulation. Sites on the university web servers may be revenue-producing as long as they are conducting university business. Websites may place an image of a commercial organization's logo on their pages but are not allowed to link directly to the commercial organization's website.

Policy
This requirement is outlined in the Organizational Websites, Management, and Hosting policy.

Examples
Bad: “Come see the Richmond Squirrels play baseball on March 1st.”
Acceptable: “The Division of Community Engagement will be at the Richmond Squirrels game on March 1st providing information about upcoming engagement opportunities.”

1.4 Sexually Explicit Content
Websites containing sexually explicit content must provide a written warning statement and be accessible only through a password mechanism.

Policy
This requirement is outlined in the Organizational Websites, Management, and Hosting policy.
Written Warning Statements
Written warning statements before sexually explicit content need to inform a visitor as to what content they are about to view, giving them the opportunity to view the content at their discretion.

Using CAS to Restrict Access
Restricting access to sexually explicit content through a password mechanism can be accomplished using CAS (Central Authentication Service). For more technical information, check out the Using CAS on a VCU Website guide.

1.5 Blogs
Websites acting as the primary web presence for a unit must not be a blog.

Blog Components & Links
While a unit's website may incorporate blog components or link to a blog, sites that only function as a blog cannot be a unit's primary website or only form of web presence.

Blog Definition
The definition of a blog is defined in the FAQ section of the Web Content, Management and Hosting policy.

1.6 Visibility & Ownership
Websites must be listed in the VCU A-Z Index with at least one site owner or technical contact provided.

Non-Public Websites
For accountability and auditability purposes, websites with a primary audience that is internal (e.g. intranets) also need to be in the A-Z Index. These listings can be marked as “Hidden” so they do not show up on the public facing view.

What is the A-Z Index?
The VCU A-Z Index can be found under the three-dot menu at the top-right of the VCU homepage. The listing provides high visibility for large or small websites by featuring them on the VCU homepage, allowing users to quickly and efficiently navigate to them. The listing is also filterable and searchable, providing a much faster way for users to find or discover websites.
The Importance of Site Owners or Technical Contacts

Including a site owner or technical contact for a website in the VCU A-Z Index provides a single point of contact should a visitor have difficulty finding information or identifying a technical issue.

1.7 Archival & Removal

Websites left out-of-date for 12 or more months must be moved to the VCU Website Archive or taken offline.

Archival

If a decision is made to archive the website by moving it to the VCU Website Archive, the site owner will incur an archival cost of $1,000. This cost guarantees the site will remain archived for 5 years. The archival fee is waived for websites regarding university-level (non-unit/non-school specific) resources.

Removal

If a decision is made to take the website offline, a IT Support ticket must be opened with Technology Services to properly handle the decommission and records management process.
2. Accessibility

2.1 Federal

The following are high-priority accessibility requirements for federally funded organizations.

2.1.1 Skip to Content Links

Websites must include skip to content links on every page.

Skipping to Main Content

All sites must have at least one skip-to-content link which skips a user's focus past redundant template elements and into the main content. However, it is good practice to have skip links to all relevant content, like the main navigation or footer.

Visibility & Location

The skip to content link must be visible on focus and must be the first link after the opening body element.

2.1.2 Unique Title Tags

Websites must include unique title tags for every page.

The Importance of Unique Title Tags

Unique title tags help with both accessibility and search engine optimization.

Structure

A website's title tags should follow the following structure:

- Home page: Department Name | Virginia Commonwealth University
- Interior page: Title of single page | Department Name | Virginia Commonwealth University

Home pages should not use the word “Home” as a title. Interior pages should include the title of the page and the name of the department.

Example Title

Prospective Students | Biology | HAS | VCU

2.1.3 Input Labels

Websites must provide associative labels for form inputs.
The Importance of Input Labels

All form inputs must have associated labels so screen readers may interpret what content is required for each form input.

Visibility

Labels do not have to be visible, but they must be machine readable.

Documentation

Visit the wiki for more documentation on form accessibility.

2.1.4 Input Agnostic Functionality & Navigability

Websites must be equally functional and navigable when using the mouse, keyboard, or both.

The Importance of Input Agnostic Functionality & Navigability

All content and functionality, including navigation and dropdown menus, that is reachable by mouse, must be reachable by keyboard. This ensures users can get to where they're going regardless if they're using a mouse or using a screen reader.

Tabbing

Functionality and navigability can be tested by using the tab key to hop through focusable elements on the site. Skip links should be the first tab-able elements, then the branding bar, and finally the rest of the site, including dropdown navigation and links.

Visible & Identifiable Focus

Links, as well as other focusable elements such as form inputs and buttons, need focus state styles so the user can identify it as focused. In most cases, the hover state styles can also be used for the focus state styles.

Documentation

Visit the wiki for more documentation on keyboard navigable websites.

2.1.5 Alternative Image Information

Websites must provide alt-text for non-trivial images.

Informative & Descriptive Alt-Text

Alt-text should be informative and describe the image to a screen reader. The following guidelines will help in creating informative and descriptive alt-text:

1. Do not use the word "image"; Screen readers will already inform the user that this is an image.
2. Do not just use the filename; The filename does not say anything informative or descriptive about the image.
3. Do not use the word “page” or describe its location; Screen readers will already inform the user as to what page they’re on.

Images Containing Text
Images that have relevant text in the image must have the same information in the alt tag.

Social Media
Images posted via social media that have relevant text in the image must have the same information in the alt tag or have the information as text provided along with the image.

Documentation
Visit the wiki for more documentation on image accessibility.

2.1.6 Meaningful Link Text
Websites must provide links with meaningful text and information as to their end location.

Non-Distinguishable Links
This requirement refers to non-distinguishable links, or links that have the same text but point to a different location. Links can be made distinguishable by adding titles or aria-labels (instructing a screen reader how the links are different) or changing the text so that it is only used one time.

Documentation
Visit the wiki for more documentation on non-distinguishable links.

2.1.7 PDF Highlighting & Copying
Websites providing PDF files must ensure these files properly allow highlighting text in a logical order and copying its contents to another program.

Logical Header Nesting & Content
All PDF files must have logical header nesting and content.

How to Find PDFs on a Site
Use Siteimprove to inventory a site’s usage of PDFs.

Documentation
Visit the wiki for more documentation on how to create and verify a PDF’s accessibility.

VCU Web Standards & Guidelines, Supplemental Information, Version 2.6
2.1.8 Video Captioning
Websites providing videos must ensure they are captioned.

Automatic Captioning
Services that provide automatic captioning, such as Kaltura or YouTube, fulfill this requirement. At the time of writing, Vimeo does not support automatic captioning.

Live Streamed Videos
Live streamed videos must be captioned within 24 hours.

2.1.9 Appropriate Page Language
Websites must have an appropriate language set on every page.

Common Languages & Use
Most websites will have the language set to English, but there are instances where Spanish is applicable. The language may be set on the page's HTML element or a specific element inside the page's content.

Documentation
Visit the wiki for more documentation on setting the language of a webpage.

2.1.10 Color Contrast
Websites must utilize suitable color contrast ratios between text and background.

Contrast Ratios
Following WCAG 2.0 AA compliance, color contrast ratios should be at least 4.5:1 for normal text and 3:1 for large text.

Tools
Here's a list of useful tools for correcting color contrast issues:
- Siteimprove will identify pages that have color contrast issues.
- 0to255 is a great tool to lighten or darken colors while trying to fix color contrast issues.
- Lea Verou's WCAG 2.0 color contrast tool helps web developers decide what color combinations provide enough contrast to meet WCAG 2.0 compliance.
- Colour Contrast Check is a useful tool for checking the degree of contrast between foreground and background colors.

Documentation & Resources
Visit the wiki for more documentation and resources for fixing color contrast issues.

VCU Web Standards & Guidelines, Supplemental Information, Version 2.6
2.2 VCU

The following requirements have been established by VCU, and either reflect, elaborate, or build on the Accessibility, Federal (2.1) requirements.

2.2.1 Review & Approval

All new website designs, redesigns, and/or applications must be submitted to the Web Services EIT Accessibility Coordinator for accessibility review and approval.

Submitting a site for review & approval

All website accessibility review/approval requests should be submitted to the VCU Service Desk.

2.2.2 WCAG 2.0 AA Compliance

Websites must pass WCAG 2.0 Level AA accessibility standards.

Status & Compliance

Visit the A-Z Website Manager to check the current compliance status of your website.

How to Ensure WCAG 2.0 AA Compliance

Use the Siteimprove Accessibility Checker Google Chrome extension, and set the filter to AA conformance to prioritize a11y errors or login to siteimprove.vcu.edu to view errors that need to be corrected.

Accessibility Resources

Visit the wiki for more accessibility resources for a11y error evaluation.

2.2.3 PDF Accessibility

Websites providing PDF files must ensure these files pass WCAG 2.0 Level AA accessibility standards.

2.2.4 HTML Validation

Websites must not contain HTML validation errors.

2.2.5 Skip Links

Websites must include a div with the id of “skip-links” enclosing a series of skip links after the opening body tag of every page.
Best Practices

It is encouraged to include skip links to major page sections of the website, like the main navigation and footer, but the skips links must include at least one link to the main content section. The inclusion of at least one skip link to the main content is under the Accessibility, Federal, Skip to Content Links (2.1.1) requirement.

Code Example

Visit the code example found under the Accessibility, Federal, Skip to Content Links (2.1.1) requirement.

2.2.6 Readability with Disabled Stylesheets

Websites must be readable with stylesheets disabled.

The Importance of Readability with Disabled Stylesheets

Web page readability with CSS stylesheets disabled is important for users accessing text only versions of your website. Additionally, it ensures equal functionality and navigability regardless of styles.
3. Branding

3.1 Branding Bar
Websites must load an approved VCU branding bar at the top of every page and must not be obstructed from view by visual elements.

VCU Health Branding
Websites may not use the VCU Health logo or branding bar.

Menu & Search Icons
The exception to visual elements on top of the branding bar include approved menu and search icons as detailed in the VCU Brand Standards guide.

Using the Branding Bar Script
All VCU branding bars must be loaded in from the branding.vcu.edu javascript. Implementation instructions can be found at the VCU Academic Branding Bar website.

3.2 Unofficial Logos & Seals
Websites must not use unofficial VCU logos or seals on any page.

What are Unofficial Logos & Seals?
This includes, but is not limited to, outdated or modified VCU logos or seals and the use of a VCU logo or seal that does not follow the rules outlined in the VCU Brand Standards guide.

3.3 Unit Context
Websites for a unit that serves a specific part of the university must include the unit name prefixed or in conjunction with its title or parent unit.

Context is Important
Specifying what part of the university your unit serves is important, especially when there are multiple units of the same or similar name dotted around the university. For instance, a site for the School of Medicine’s Technology Services department should be distinguishable from the central VCU Technology Services department.
4. Captioning

4.1 General Public & Employees
Websites containing audio/visual media intended for the general public or any VCU employee who has a relevant accommodation agreement on file with the ADA Coordinator must provide appropriate captioning for these materials.

4.2 Students
Websites containing audio/visual media provided by instructors for students must provide appropriate captioning or transcriptions for these materials.
5. Content

5.1 VCU Homepage Link

Websites must include a link to the VCU homepage.

Details & Example

The VCU homepage link must go to "https://www.vcu.edu" and have "Virginia Commonwealth University" spelled out. This is typically included in the website's footer alongside other contact information. Inclusion of the VCU branding bar does not fulfill this requirement. Please ensure the href value is "https://www.vcu.edu" as "https://vcu.edu" is a 301 redirect.

5.2 Parent Unit Link

Websites for a unit of the university that has a parent unit must provide a link to the parent unit on every page.

Importance & Implementation

A link to a parent unit provides visitors context to the university's organizational structure as well as ease of navigability to similar resources. This link is typically included in the website's footer contact information.

5.3 Contact Information

Websites must provide contact information (e.g. address, phone, email) on every page.

Required Information

The following contact information is required on every page of a website:

- A physical address or mailing address
- A phone number
- An email address

Importance & Implementation

Providing contact information provides visitors the ability to get additional information by alternative methods. This information is typically included in the website's footer, but can alternatively be linked to a dedicated contact page.
5.4 Last Updated Date

Websites must provide a date of when the site or its pages were last updated or reviewed on every page.

Importance & Implementation

A last updated date informs visitors on how up-to-date the content is. The following guidelines and suggestions should be referenced when implementing a last updated date:

- The date should be specific to the individual page and not the overall website.
- The terms “Last updated”, “Updated”, or “Last reviewed” may be used.
- Special CMS tags, client-side Javascript, or server-side code are often used to provide a last updated date.
- This information is typically included in the website's footer.

Out-of-Date Content

Websites are required to be updated or reviewed every 12 months. Therefore, the last updated date on any page should be less than 12 months old.

5.5 Postal Box

Websites must not use the phrase “PO Box ####” on any page.

United States Postal Services Trademark

Due to a trademark by the United States Postal Services, websites are not allowed to use the phrase “PO Box ###”. Instead, use “Box ####” when referring to a postal box.

5.6 Inclusion Links

Websites must include links to the required inclusion resources.

Required Inclusion Links

The following are the required inclusion resources every website must link to. These links are typically included in the website's footer.

Accessibility Link

To better provide inclusive access to VCU’s resources, all websites must include a link to VCU’s Accessibility Resources page on every page.
Technical Support (Webmaster) Link
To better provide centralized technical support for university websites, all websites must include a mailto link to the VCU Webmaster on every page. This email is monitored by the Technology Services IT Support Center who route messages to the responsible party. Additional methods for technical assistance may be linked alongside the VCU Webmaster mailto link.

Privacy Link
All websites must include a link to the VCU privacy statement on every page. The privacy policy informs users on what information is collected and how it is used while using VCU digital resources. Custom privacy policies may be linked so long as it references and links to the official VCU privacy statement.

5.7 404 Page
Websites must provide a helpful 404 error page.

The Importance of a Helpful 404 Page
Helpful 404 pages guide users when they stumble across a resource that no longer exists or has moved. These pages should be relevant and tailored specifically for the website.

Implementation & Example
Configuration of a 404 page depends on the platform the website is hosted on. Please contact Web Services if technical assistance in implementing a 404 page is required. A good example of a helpful 404 page is the VCU homepage 404.

5.8 Search
Websites must include an input field to the VCU search tool.

Exceptions
If a website provides its own equivalent search functionality, or is a single page site, the inclusion of an input to the VCU search tool is not required.

Implementation
To learn more on how to include an input to the VCU search tool on a website, visit the article on adding a basic VCU search box to your site at the VCU Technology Services website.
5.9 Course Information

Websites must not contain duplicate information from the VCU Bulletin.

Supplementary Information

If course information must be provided on a website, this information should only supplement and link to the corresponding VCU Bulletin page.

Importance

The VCU Bulletin is the main resource for course information. Course information that duplicates a VCU Bulletin page, instead of supplementing and linking to a VCU Bulletin page, can cause confusion for students when outdated content is found or information between both locations do not match.

5.10 Third Party iFrames

Websites cannot deliver primary content via an iframe.

Details

Use of iframes to display content should only be used for supplemental content. Websites should refrain from delivering primary content via an iframe, but if for technical reasons iframes must be used for primary content then contact information and instructions on how to obtain the content in alternate formats must be provided.
6. Content Management

6.1 CMS Platform
Websites requiring a content management system (CMS) must use the approved content management platform for VCU, TerminalFour.

Requesting a CMS Managed Website
If a new website needs to be set up in TerminalFour, please complete and submit a Web Request form. Make sure to fill out the appropriate options regarding CMS usage.

6.2 Direct Edit Link
Websites must contain a link to the TerminalFour “Direct Edit” mode of the site in the footer of every page.

The Importance of the Direct Edit Link
By including the direct edit link in the footer of a website, it ensures users with valid access though TerminalFour can easily edit the page as soon as they see an issue on the site. It also gives VCU Technology Services a clear indication to whether the site is using TerminalFour or managed manually, making technical support much easier.

How to Implement a Direct Edit Link
TerminalFour has a built-in tag to use with a site's HTML to generate a direct edit link.

6.3 Navigation Tags
Websites must use appropriate TerminalFour navigation tags to generate links used to navigate the site.

The Importance of Navigation Tags
Using navigation tags to generate links used to navigate a website ensures it can be properly navigated within the TerminalFour “Preview” or “Direct Edit” modes. In addition, it also ensures a link will automatically be updated in case a section is renamed or moved.

Best Practices
Only links to external websites or resources should be hardcoded.
6.4 Configurable Global Header & Footer

Websites must provide configurable global header and footer sections within their TerminalFour page layout(s).

The Importance of Configurable Global Header & Footer Sections

Providing configurable global header and footer sections in a website's page layout(s) during development ensures a user can easily modify and manage things like styling, scripts, and the use of plugins.
7. Design & Browser Compatibility

7.1 Modern Support
Websites must utilize HTML5 and work on modern browsers.

7.2 Structure & Layout
Websites must not use tables as the primary means of site structure of layout.

7.3 External Stylesheets
Websites must utilize external CSS stylesheets for styling.

Best Practices
While the use of inline styles can sometimes be necessary, excessive use of inline styles is not permitted.

7.4 Favicon
Websites must provide at least a 16px by 16px favicon.

7.5 Development Environments & Resources
Production websites must not serve assets such as images, CSS, and Javascript from development environments.

7.6 Flash
Websites must not use Flash.

Security Vulnerabilities & End-of-Life
Not only does Flash have numerous security vulnerabilities, Adobe, in collaboration with large web and computer companies, will stop updating and distributing Flash Player by the end of 2020.

For more information regarding Flash's end-of-life, check out Adobe's Flash & The Future of Interactive Content article.
8. Domain

8.1 Top-Level Domains

Websites must use a vcu.edu top-level domain.

Exceptions

If a website requires a non-vcu.edu top-level domain name due to a specific business need, an exception must be granted by both Technology Services and University Relations.

Examples of Exceptions

- valrc.org
- www.vcualumni.org
- centerontransition.org

8.2 Subdomains

Websites using a subdomain of vcu.edu must be for colleges, schools, academic/administrative departments, or central systems/applications.

Examples

- nursing.vcu.edu (school)
- ts.vcu.edu (administrative department)
- canvas.vcu.edu (central system/application)
- egr.vcu.edu (college)
- biostatistics.vcu.edu (academic department)

Exceptions

Websites wanting to use a subdomain of vcu.edu not for a college, school, academic/administrative department, or central system/application must be approved by Technology Services.

Examples of Exceptions

- compass.vcu.edu (cross-unit initiative)
- telework.vcu.edu (university-wide resource)
- webstandards.vcu.edu (university-wide resource)
8.3 University & Mascot Names

Websites must not include the term “VCU,” “ram,” or “rams” in their subdomain.

Examples of Non-Compliance

- vcuarts.vcu.edu (should be arts.vcu.edu)
- vcuchs.vcu.edu (should be chs.vcu.edu)
- vcuts.vcu.edu (should be ts.vcu.edu)

"VCU" portmanteaus

Using “VCU” in a portmanteau (a word blending the sounds and combining the meanings of two others) is not allowed.

Examples of Non-Compliance

- vcuniversity.vcu.edu
- vcurate.vcu.edu
- vcustom.vcu.edu

Exceptions for using “ram” or “rams”

The use of the word “ram” or "rams" in a subdomain must be approved by Technology Services. This usage will only be approved in limited situations where the content of the website is student related and not being used to describe an office or department's organization or operations.

Examples

- ramsadministration.vcu.edu (unacceptable)
- ramshr.vcu.edu (unacceptable)
- ramcam.vcu.edu (acceptable)
- ramhacks.vcu.edu (acceptable)

8.4 Personal Names

Websites must not include a person's name in a domain or subdomain.

Exceptions

If a unit is permanently named after a person, a website for said unit is exempt from this rule.

Examples

- rodney.vcu.edu (unacceptable)
● gheli.vcu.edu (acceptable)

8.5 Hosting

Websites using a top-level domain must be hosted on a VCU approved web server.
9. Mobile

9.1 Responsive & Mobile Friendly
Websites must be responsive and mobile-friendly.

The Importance of Responsiveness & Mobile-Friendliness
As web browsing on small devices becomes more popular, your website's mobile presence becomes increasingly more important. While traditional websites may work on small devices, they are often not optimally designed for them.

9.2 Viewport Meta Tags
Websites must utilize viewport meta tags to properly handle device width.

The Importance of Viewport Meta Tags
The viewport meta tag allows designers and developers to better control how a website is rendered on small devices.

Documentation
Information regarding viewport meta tags can be found at Google's Web Fundamentals guide on multi-device responsive design.

9.3 Google Mobile-Friendly Test
Websites must pass the Google Mobile-Friendly Test.

9.4 Tap Target Area
Websites must have buttons and inputs that have a decent tap target area.

Documentation
Information regarding decent tap target areas can be found at Google's Web Fundamentals guide on multi-device responsive design.

9.5 Availability, Visibility, & Navigability
Websites must provide content that is equally available, visible, and navigable regardless of viewport size or viewing device.
9.6 Third Party Mobile Applications

Content that requires the user to download an external application from a mobile application store or download library must include download instructions and contact information to request the content in alternate formats.

Implementation

Provide instructions and contact information on the website for how to obtain the content and a link to the mobile application store or download library.
10. Security

10.1 HTTPS
Websites must be loaded over HTTPS with a valid certificate.

10.2 Secure Connection
Websites must have a secure connection.

Identifying Secure Connections
Secure connections are signified by a green lock icon next to the URL in the URL bar of most modern browsers.

Loading Resources
Non-compliance is often due to loading resources explicitly over HTTP. This can easily be resolved by loading resources explicitly over HTTPS or in select use cases using relative protocol.

10.3 Authentication & Form Requests
Websites that contain pages requiring authentication or forms requesting sensitive data must send requests over SSL with a secure connection.

10.4 Redirects
Websites must not automatically redirect visitors to an external non vcu.edu domain.
11. Analytics

11.1 Google Analytics
Websites using Google Analytics must set up their Google Analytics account using at least two VCU domain accounts.

VCU Domain Accounts
A VCU domain account is often an account used when authenticating into VCU applications, such as myVCU; This is usually tied to your eID. This can also include VCU generic accounts, which are accounts made for teams to share (e.g. t4admin@vcu.edu or webservices@vcu.edu).

Importance
In the event that a user leaves the university, it is important to ensure Google Analytics account access is not lost; By requiring at least two VCU domain accounts to have access to the Google Analytics account, this situation can be avoided.

11.2 Google Analytics Account Permissions
Websites using Google Analytics must grant webservices@vcu.edu access to their Google account with "Manage Users" permissions.

Importance
In the event that Google Analytics account access has been lost, granting webservices@vcu.edu access to the Google Analytics account with "Manage Users" permissions allows the Web Services team to restore access.