# Accessibility Compliance Tracker

Last update: 2018-01-17

# Overview

* Currently there are no products available with the specific features that are needed by colleges in the CTC system. This application will provide the requested features and will be available to any college in the CTC system.
  + Ward: Rewrite this please

# Platform

## Website

* The application will be developed in ASP.NET C#.
* The application will live in the DMZ.

## Database

* The database will be developed in MS-SQL.

# Security

## Sensitive data

No sensitive data is being stored.

## Database

Since no sensitive data is being stored, the database will not be encrypted. However, the database files will be encrypted at rest.

## File storage

Uploaded files will be stored in the same database that will house the application data. Access to these files will be provided to only users who are authorized.

## Passwords

Passwords will have the following requirements:

* Stored as a hash
* Strong passwords required
* Initial password is randomly generated

## Website

The website will be secured with SSL

# User Roles

* Public - CTC System (accounts by request)
  + Search products
  + View VPATs
  + Know if the product has been Policy 188 assessed
  + Submit products
  + Submit comments on products
  + View own comments
* Paid Subscriber
  + Everything given to “Public”
  + View ADA info
* Reviewer
  + Everything “Paid Subscriber”
  + View everything
  + Add VPATs
  + Add WCAG info
  + Edit executive summary
  + Mark a product as ready for testing
* Trusted Tester
  + Everything “Reviewer”
  + Edit everything
* Admin
  + Full access to add/edit anything
  + User management
  + College management

# Internal user accounts

The following account information will be stored:

* Email address (used as the login)
* Password
* First name
* Last name
* College
* User role
* Enabled/disabled

# Change history

All changes to information in the products will be logged and history will be viewable within the application, depending on user rights.

* Who gets the right to view change history?

# Mandatory review

Products come up for review every two years, or when a certain number of entries come in for a new version.

* How do we determine which version number is newer? Version numbers are not always consistent, especially with people entering the version in different formats.
* What are the number of entries required for mandatory review? Is there a minimum amount of time between mandatory reviews triggered by this? If not, the product could come up for mandatory review several times while people are initially entering data into the system.
* How do we determine when a product has been reviewed?

# Searching products

Searches will be performed using a fuzzy search method, so misspellings, extra spaces, etc have a better chance of returning a match.

# Pages

## Login page

The login page will display username/password textboxes and a login button, along with short instructions on how to log in.

## Initial page

* Instructions
* Ability to download a blank VPAT
* Links to the following pages:
  + User settings
  + Product submission
  + Product view

## User profile page

* Display the user’s information
  + Email address
    - Editable
  + First name
  + Last name
  + College
* An option to change the password will be provided
  + User will be required to enter their current password, their new password, and confirm their new password
  + Strong passwords only. Minimum requirements:
    - 8 characters
    - 1 uppercase
    - 1 numeric
    - 1 special character

## Product submission page

The following information will be collected during the product submission process:

* Product vendor
* Product name
* Product version
* Submission date
* Comments

As product information is entered, the website will continuously search for products that are a close match to what was entered, to avoid duplicates.

### Bulk upload

Users will be able to bulk-upload an excel spreadsheet containing a list of products.

## View your submitted products page

This page allows you to view the products you have submitted. There will be an option to mark a product no longer used, removing the college from the list of colleges that use the product.

## Product list page

The product list will show products that have been added to the database.

### List sorting/filtering

There are various ways the list of products can be sorted and filtered.

* Alphabetical
  + Default view
* Most used
  + Sorted by the number of colleges using the product, with the most used products at the top
* Ready for testing
  + Displays only products that are marked as ready for testing
  + Sorted by the number of colleges using the product, with the most used products at the top

## Product view page

### Colleges using the product section

* Display which colleges are using the product and what date they reported it

### Executive summary

A text box will be displayed to enter the executive summary

### Policy 188 compliance

The policy 188 compliance determines whether a product is compliant

* Status options
  + Not assessed, not compliant, compliant

### Ready for testing

A checkbox will be displayed indicating that the product is ready for testing

### VPATs section

A list of VPATs will be displayed with the following requirements:

* VPATs must be able to be archived
* Archive status removes them from the main product view and moves them into a “VPAT history” page that displays the same information as the VPATs section
* VPATs will include the following information:
  + User that submitted the information
  + Submission date
  + VPAT file
    - Valid file types: doc, docx, txt, rtf, pdf
  + Date uploaded
  + 508 compliance status
    - Not assessed, not compliant, compliant

### ADA verification section

#### WCAG compliance

Overall WCAG compliance status

* Not assessed, A, AA, AAA

##### WCAG files

This will be a link in the WCAG section to a page that will display all of the WCAG files that have been uploaded as well as relevant information

* User that submitted the information
* Submission date
* Compliance status
  + Not assessed, A, AA, AAA
* Supporting files
  + Valid file types: doc, docx, txt, rtf, pdf
* Issues
* Notes

#### Screen reader compliance

This will display all of the screen reader compliance entries, with the following information:

* User that submitted the information
* Submission date
* Screen reader used (JAWS/NVDA)
* Screen reader version
* Compliance status
  + Not assessed, Not compliant, compliant
* Issues
* Notes