Software Assurance Website Plan

*Abe Megahed, September 9, 2020*

Below is an initial plan for the construction of a web site to serve as the public face of Morgridge’s software assurance capability, providing a means of creating hosted instances of a software assurance platform (formerly known as SWAMP).

# Goals

* Explain the benefits of the provided capabilities.
* Describe who we are.
* Enumerate the set of supported features:
  + Languages supported
  + Tools supported
  + Platforms supported
* Describe the process for applying for the creation of a private hosted instance of the software analysis platform (i.e. formerly “Software Assurance-in-a-box” instance).
* Provide application form for applying for the creation of hosted instances.
* Provide help resources for answering simple technical questions.
* Provide a means for the public to contact project representatives.

# Site Map

* **Welcome page**  
  Overview, features and benefits.
  + **Features page**  
    Provide list of supported languages, tools, and platforms.
  + **Start page**  
    Provide an application form for creating your own hosted instance.
  + **Help page**  
    Provide links to documentations and other technical help resources.
  + **About page**  
    Provide information about the project.
  + **Contact page**  
    Provide a contact form for sending questions or comments.

# Branding

* Create a variation of the SWAMP gear logo.
* Use red themed color scheme consistent with Morgridge’s website.
* Branding and styling can be easily modified in response to user feedback after the initial site is constructed.

# Implementation Plan / Schedule

**Phase 1: 1 week**

Create basic site structure, styling, and content using Jekyll static website builder tool. Create / add basic logo and branding elements. Work with other project members to create and refine descriptive text.

**Phase 2: 2 days**

Add back end support for SiB instance request form and contact form processing. In the past, I have used a minimal Laravel based web service fo this but I can use the Node.js mail capabilities that we developed for the Authentication app to provide this capability.