**Project Check-in 5**

I started this project by specifying the type of website to be developed to the primary stakeholders. This included a description of the company, the intended userbase of the website, what competitors with similar business models are doing, and the intended functionality of the website.

In the second stage of development we provided information to key developers and designers into structure and key functionality of the website. This included a sitemap outlining the pages of the website and the hierarchy of those pages, wireframes of some of the key pages on the site to give a general idea of how those pages should be designed, and a user flowchart to indicate how an end-user should experience the site if they were to use it.

Stage three of the development process included all of the previously mentioned deliverables along with an in development version of the site and a short report about what had been implemented and what needed to be implemented moving forward.

Being a little behind on the development of this site I was unable to complete a user review or standards audit before turning in the mostly finished first iteration of the site, but I did meet most requirements in my finished project. I have the following pages in the screenshots below:

1. **A screenshot of a computer

   Description automatically generated**[**Home Page**](https://dustinm.sgedu.site) **including Logo/header, navigation menu with links to other pages in header and footer, and appropriate images.**
2. A screenshot of a computer

   Description automatically generated with medium confidence[**Products page**](https://dustinm.sgedu.site/all-products) **including pictures, descriptions, order and price information. This page also includes navigation links to all other pages, a paginated menu that navigates to other product pages, and links to get to the customers cart with current items in it.**
3. [**About Us**](https://dustinm.sgedu.site/about) **page including a brief description of SkyDustin Electronics along with a mission statement and vision.**

A screenshot of a computer

Description automatically generated with medium confidence

1. **The** [**shopping cart**](https://dustinm.sgedu.site/cart/) **and purchase flow on the site are using WooCommerce. I have set up cash payments and integration with stripe so that credit/debit cards can be processed.**

**A screenshot of a computer

Description automatically generated**

1. **A screenshot of a computer

   Description automatically generated with medium confidenceThe** [**Contact Us page**](https://dustinm.sgedu.site/contact) **includes the appropriate contact phone number (as do all other pages) and a form that allows customers to contact us via email:**
2. A screenshot of a computer

   Description automatically generated with medium confidence**The** [**Privacy Policy/Legal Page**](https://dustinm.sgedu.site/privacy-policy) **has a full-fledged Privacy Policy specific to SkyDust Electronics:**
3. **Security**

The first thing that was done to improve security on the site was implementing an SSL wildcard certificate for the site through Lets Encrypt and enforcing HTTPS sitewide. In addition to implementing and enforcing HTTPS, I also installed a firewall (BBQ Firewall), installed a plugin to limit login attempts to the sites administrative panel as a way to mitigate any brute-force attempts (Limit Login Attempts Reloaded), and installed a plugin that provides auditing, site hardening, and malware scanning capabilities (Sucuri Security). Sucuri in particular provides extensive protection and security providing real-time information on modification of any WordPress core files, a real-time overview of audit logs on its dashboard, and a list of current security recommendations.

In addition to these security measures, I also enabled the following security headers to prevent things like cross-site Scripting and drive-by-downloads:

**Header set Strict-Transport-Security "max-age=31536000; includeSubDomains; preload" env=HTTPS**

**Header set X-XSS-Protection "1; mode=block"**

**Header set X-Content-Type-Options nosniff**

**Header set X-Frame-Options DENY**

**Header set Referrer-Policy: no-referrer-when-downgrade**

**Instructor Login:**

The site itself is publicly accessible, so you can navigate to it and use it, but I also created an administrative login for you so that you can access and review the back-end:

**Admin URL:** <https://dustinm.sgedu.site/wp-login.php>

**Username:** csaunders

**Password:** yZbyfryjkNw6j91@8$qYd8OC