Progress Report 2: Kohl Smith ITC 250 Web Systems

The Smart Home Hub

Provides a web site for relevant information about the major smart home devices



Project Summary

- This project consists of a web based service that gives readers information about the three major smart home devices.
- Consumers can utilize the site to research and find information about the devices to make a smarter buying decision.
- The site gives info on each device and compares them to determine the pros and cons of each

Overview

- Main Deliverables
 - Web site containing
 - Text based information
 - Images
 - Graphical information
 - Links to products
 - Progress Report 1
 - Progress Report 2
 - Prototype Site
 - Final Presentation

Project Scope

- Creating
 - Design Website
 - Build website code
 - Integrate with server
- Testing
 - Layout and aesthetic
 - Bugs and errors in code
 - Server side useability

Project Milestones & Deliverables

- Design Completed
- Server Setup
- Coding complete
- Site finalized & Testing started

Each has been completed by the time of this first progress report, others will be completed by project due date

Problems & Corrections

- Project cost: Added cost <\$3
 - Paid for Domain hosting for easier set up
- Subpages now finished
 - Delayed in Progress report 1
- 7 main pages, 3 sub pages
 - Home, About, Contact, Amazon Echo, Google Home, Apple Homepod, Others: main pages
 - Amazon Echo devices, Google Home devices, Other devices: 3 added sub pages

Completed Design

Similar to original design, but adjusted to add to aesthetics

THE SMART HOME HUB

Your home for the smart home

HOME ABOUT CONTACT AMAZON ECHO GOOGLE HOME APPLE HOMEPOD OTHERS

Quick Links Amazon Echo Devices

Other Devices

ABOUT

The Smart Home Hub is a site dedicated to bring people the information they are looking for about popular smart home device and hubs. Devices like the Amazon Echo, Google Home, Apple Homepod, and more!

If you are looking to buy a device for yourself, a friend, family member, your business or you already own a device and wan to know what it can do, you've come to the right place! We'll give you everything you need to know to make an informed human desision and how to use the device

Google Home Devices

THE SMART HOME HUB

Your home for the smart home

HOME ABOUT CONTACT AMAZON ECHO GOOGLE HOME APPLE HOMEPOD OTHERS

Quick Links

Amazon Echo Devices Google Home Devices Other Devices

CONTACT

If you are interested in contacting the Smart Home Hub team, you can reach us by email at support@thesmarthomehub.com

We are always looking for new information regarding smart home devices, so feel free to let us know if you find anything that needs included in our site.

- The Smart Home Hub team

Site Pages Design

153	font: inherit;
154	margin: 0; }
155	
156	button, .btn-primary {
157	overflow: visible; }
158	
159	button, .btn-primary,
160	select {
161	text-transform: none; }
162	
163	button, .btn-primary,
164	<pre>html input[type="button"],</pre>
165	<pre>input[type="reset"],</pre>
166	input[type="submit"] {
167	-webkit-appearance: button;
168	cursor: pointer; }
169	
170	button[disabled], [disabled].btn-primary,
171	<pre>html input[disabled] {</pre>
172	<pre>cursor: default; }</pre>
173	
174	button::-moz-focus-inner, .btn-primary::-moz-focus-inner,
175	input::-moz-focus-inner {
176	border: 0;
177	padding: 0; }
176	border: 0;

	'name'); />	2
35	php</td <td></td>	
36	endif;	
37		
38	<pre>\$description = get_bloginfo('description', 'display');</pre>	
39	if (\$description is_customize_preview()) : ?>	
40	<pre><?php echo \$description; /* WPCS: xss ok. */ ?></pre>	
41	php</td <td></td>	
42	endif; ?>	
43	<1site-branding>	
44		
45	<pre><nav class="main-navigation" id="site-navigation"></nav></pre>	
46	 (button class="menu-toggle" aria-controls="primary-menu" aria-expanded="false"> <i class="fa fa-bars"></i>	
47	php</td <td></td>	
48	wp_nav_menu(array(1
49	<pre>'theme_location' => 'menu-1',</pre>	
50	<pre>'menu_id' => 'primary-menu',</pre>	
51));	
52	8	
53	<l #site-navigation=""></l>	
54	#masthead	
55	<img src="<?php header_image() ?>" style="width:100%"/>	
56	<pre><div class="site-content" id="content"></div></pre>	
57		17

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Site Coding

System Requirements 01

Requirements of my computer and server

- Hardware:
 - \circ Windows PC
 - Wireless Router
- Software:
 - XAMPP Server software
 - Adobe Illustrator
 - Notepad ++
 - Adobe Dreamweaver
 - MySQL editor

System Requirements 02

Requirements for user's system

- Hardware:
 - Internet Capable computer or mobile device
 - Access to Internet
- Software:
 - Window OSand up
 - Mac OS, iOS, Android, Chrome OS, or other system with web browser
 - HTML5 compatible web browser

Finalized product page and subpages 01 Amazon Echo Page (with subpage)

AMAZON ECHO

Typically refered to as "Alexa", the Amazon Echo became available in 2015 and is widely considered as the most advanced of the smart home devices. It has the most integration with other smart home devices of any smart home "hub" and has the ability to control many different household smart objects. Amazon's open source "skills" code sets it apart from



other devices by allowing other companies to integrate their smart home device with the Echo.

Today Amazon has many different Echo devices for a variety of different uses. For more information on these devices click here.

AMAZON ECHO DEVICES

Amazon has recently released a slew of new Echo devices in an attempt to meet the demands of all of their potential customers. Among the new releases is the 2nd generation Echo, an updated form factor of the original Echo. For more details on each of these new products, visit Amazon's website. Some of these products are also available in store if you want to check them out in person.

Other Devices



*Subpage(child) able to be reached through a link on the parent page, or through quick link sidebar.

Amazon Echo Devices

Google Home Devices

Other Devices

Finalized product page and subpages 02 Google Home Page (with subpage)

GOOGLE HOME

The Google Home is the first smart home device made by Google using their assistant. You'll find the assistant on Google phones and has the same abilities as you find in Siri on the iPhone. Google has the advantage over other smart assistants in that Google's machine learning allows it to improve over time as people use it more. The Home doesn't have all of the features that are on



the Amazon Echo, but with more developers working alongside Google they may soon match or surpass all other smart home devices.

Just like Amazon, Google has recently added new Home devices to their lineup. These new releases make for a full product line to match and in some ways surpass Amazon's smart home line. Check out all of Google's current devices

GOOGLE HOME DEVICES

Google's new product line of Assistant integrated products are some of their most innovative yet. Along with their new Pixel 2 and Pixel 2XL they also came out with a Google Home mini, Pixel Laptop, Pixel Buds, and more. For more specific details on each of these products you can visit Google's store page.



Quick Links

Amazon Echo Devices Google Home Devices Other Devices

*Subpage(child) able to be reached through a link on the parent page, or through quick link sidebar.

Amazon Echo Devices Google Home Devices

Other Devices

Finalized product page 03 Apple Homepod Page

APPLE HOMEPOD

The Homepod is Apple's first attempt at creating a dedicated smart home device. It was first announced in the Summer of 2017 and has yet to be released, but Apple claims that this device will have better sound than any other smart home device. This device will use Apple's Siri smart assistant and will work with their HomeKit line. Where Homepod will shine though, is the way it



performs with audio playback. Apple says that the device will adapt its sound based on the room that it is in, and with multiple other Homepods in a room can offer exceptional synced sound throughout a home. With a starting price of \$349 it is certainly the most expensive of the three major smart home devices.

With this product Apple is already facing some big hurdles to get over. They are years behind both Amazon and Google in smart home hubs and so far Siri

Amazon Echo Devices Google Home Devices Other Devices

Finalized product page and subpages 02 Others Page (with subpage)

OTHERS

Some other companies have created their of smart home hub devices to compete with the Echo, Home, and Homepod. Some use Alexa and Cortana as smart assistants and have very similar functionality as other Smart home devices. Microsoft has yet to build their own Cortana smart device, though it has been rumored that they are developing

HUME



to a home for the smart home

ABOUT CONTACT AMAZON ECHO GOOGLE HOME APPLE HOMEPOD OTHERS

one. Some device like the Harmon/Cardon Invoke and the Satechi Cortana

Quick Links

Amazon Echo Devices Google Home Devices Other Devices

OTHER DEVICES

Amazon Echo Devices Google Home Devices Other Devices

If you're looking to make your home smarter, then you'll need some smart devices to automate some tasks for you. There are what seems like an uncountable number of smart home devices today, and choosing the right one for your home can be difficult. Choosing the wrong device will not only frustrate you, but can also put your home's security at risk. So, choosing a quality product with the right functionality is key to making a smart home a reality.



*Subpage(child) able to be reached through a link on the parent page, or through quick link sidebar.

Schedule of Labor | What has been done

• Server Setup

- 3 days
- Site Coding Completed
 - 1 week
- Site Design Finalized
 - 1 week
- Site Testing(In progress)
 - \circ **1 week**
- Progress Report 2
 - 1 hour

Next Steps | What needs to be done

- Finish Site Testing/Debugging
- Project Presentation