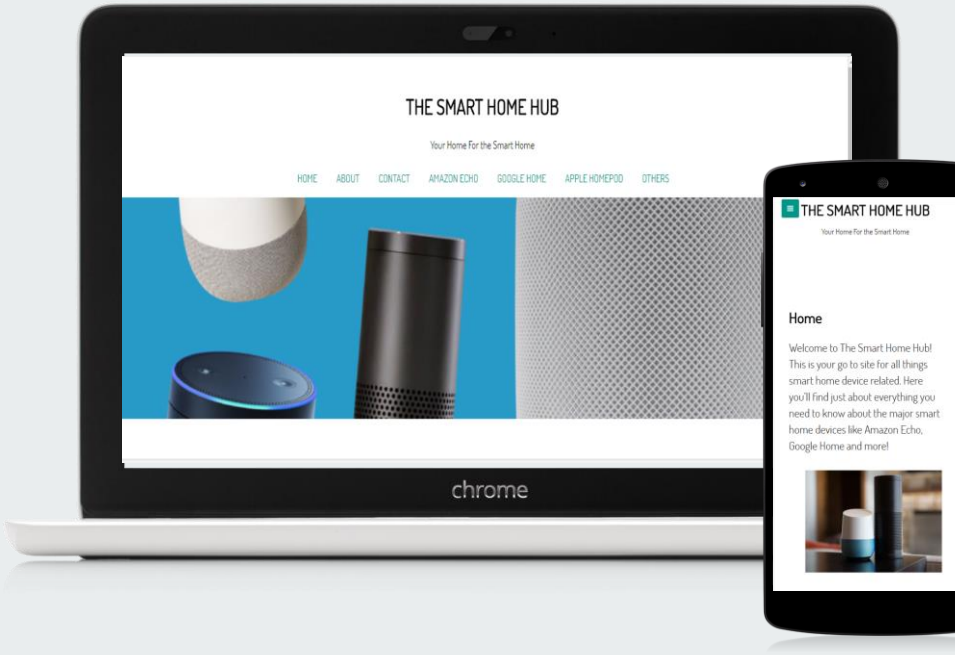
Kohl Smith

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
  - Progress Report 1
  - Progress Report 2
  - Progress Report 3
  - Prototype Site
  - Final Presentation

Project Scope

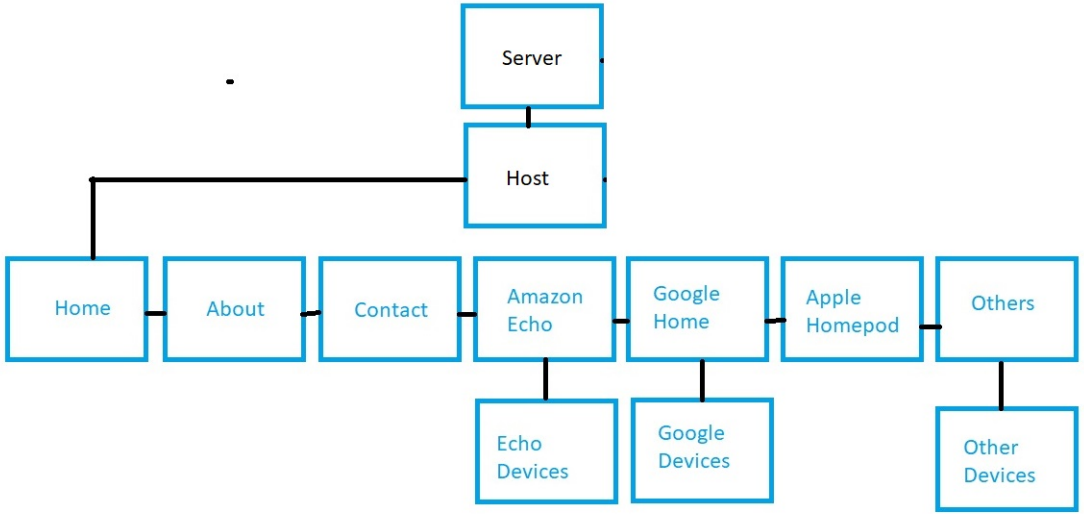
- Creating
  - Design Website
  - Build website code
  - Integrate with server
- Testing
  - Layout and aesthetic
  - Bugs and errors in code
  - Server side usability
  - Multi-device usability

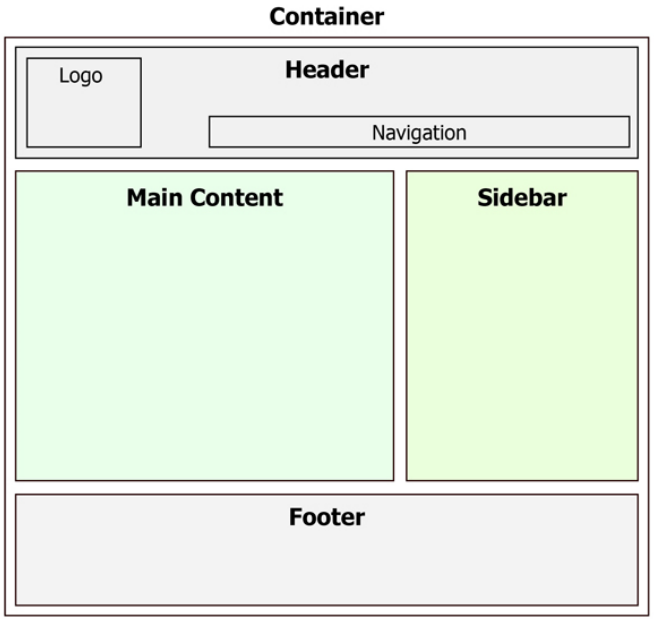
Project Deliverables

- Progress Reports
- Files on Server
- Live Site
- Project Presentation

Set up Details

- Project cost:
  - Paid for Domain/hosting for easier set up
  - Around $15 total
- 7 main pages, 3 sub pages
  - Home, About, Contact, Amazon Echo, Google Home, Apple Homepod, Others: main pages
  - Amazon Echo devices, Google devices, Other devices: 3 added sub pages


Server
Host
Home
About
Contact
Amazon Echo
Google Home
Apple Homepod
Others
Echo Devices
Google Devices
Other Devices


Container
Logo
Header
Navigation
Main Content
Sidebar
Footer

System Requirements

01

Requirements of my computer and server

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

System Requirements

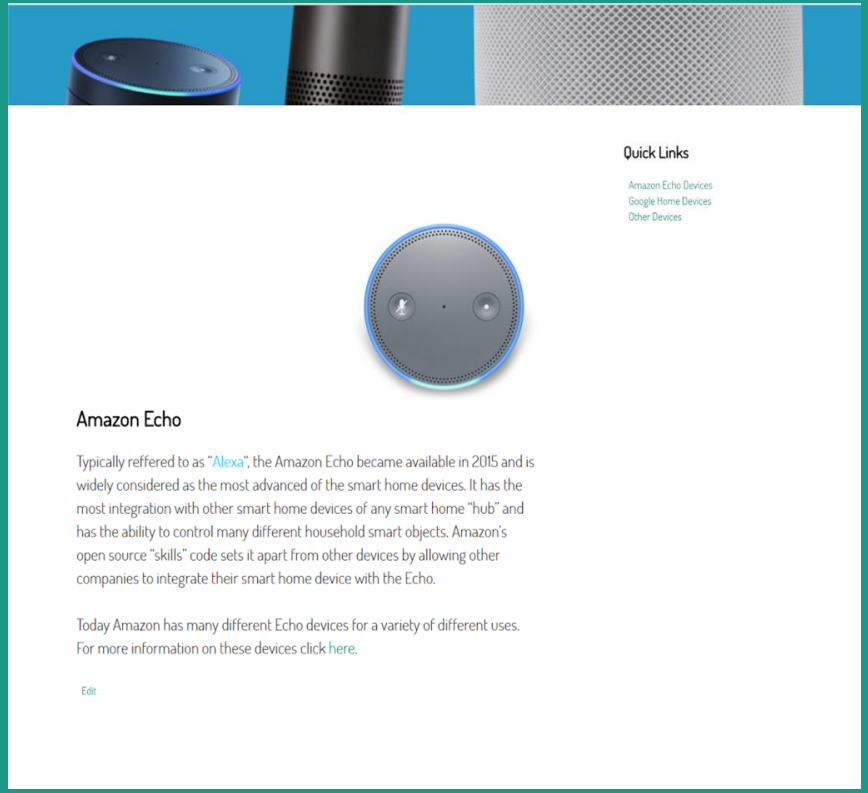
02

Requirements for user's system

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

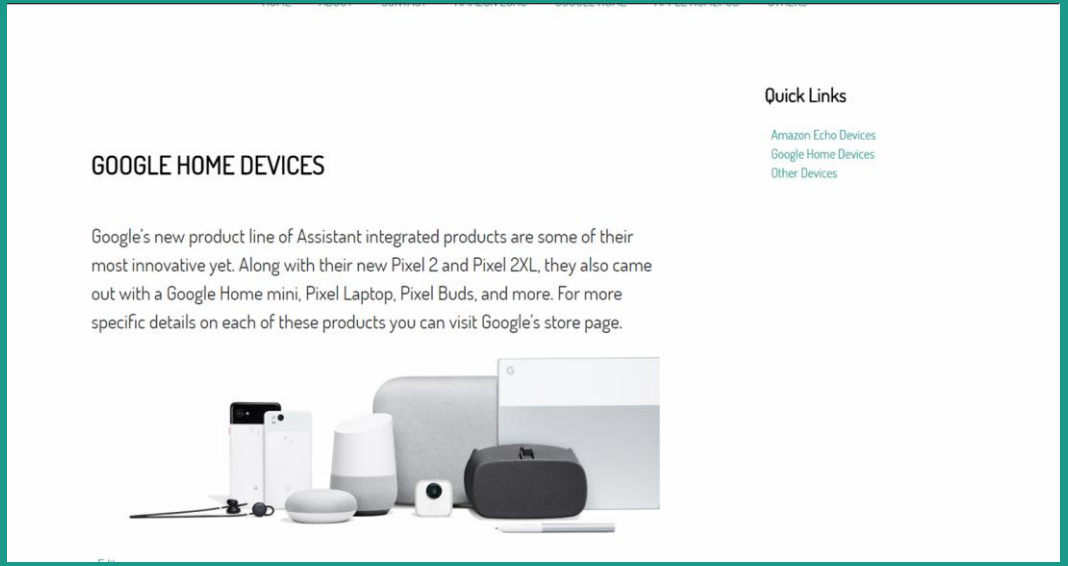
Finalized Page Designs

01 Amazon Echo Page



Finalized product page

02 Products



Testing

- Involved using multiple devices and browsers
- Ensured functionality and aesthetics of the site
- Some fixes after testing include:
  - Resizing Images & Text
  - Adjusting format of certain pages
  - Changing background of pictures and color of text
  - Fixing small bugs and errors

Home

01

Index/Initial Page

- Contains a short explanation of the site
- Links to the other pages on the site

About

02

- Contains more detailed information about the site and its purpose
- Also contains links to other pages

Contact

03

- Gives the user information about how to contact the sites support team
- Shows sites support email

Amazon Echo & Devices Pages

04

- Product page for all Amazon Echo and related devices
- Gives background info on the Echo
- Talks about its competitive advantage
- Main page links to Devices page

Google Home & Devices Pages

05

- Product page for all Google Home and related devices
- Gives background info on the Home
- Tells why it's different
- Main page links to Devices page

Apple Homepod
06

- Talks about the upcoming release of the new Apple Homepod
- Gives info on how it will differ from Amazon Echo and Google Home
- Why people may be interested in it

Others

07

- Gives information on other smart home devices and hubs
- Contains competitors to previous 3 devices and devices that work with them
- Main page links to other devices page

Site Demonstration

smarthomehub.tech

Sources

www. store.google.com

www.amazon.com/devices

www.apple.com/homepod