

Design Description

This website is designed for a new start-up game store. It is consisted of the following pages using Express Handlebars as template.

home.handlebars

The home page contains a carousel slide show to display the best games of 2017 using Bootstrap. Underneath the carousel, there are images of different game consoles. Visitors can click on the individual image and will be directed to a sub page which displays the details such as the price of the console. Also, the sub page uses a horizontal scroll box to show the recommended games of that console. Those games data are pulled from the JSON data in server.js, and they are filtered by the console name, using a customized block helper function, before being placed into the scroll box.

instock.handlebars

Using the each block helper and unordered list, all the game data such as name, price, console type in JSON in server.js is displayed on this page.

coupon.handlebars

Visitors can solve a puzzle game and get a coupon. The game is written with JavaScript, utilizing DOM. The puzzle game board is actually a 3 x 3 html table. The movement of the puzzle on the board is achieved by removing the old table and immediately appending a new table with new cell content. After solving the puzzle game, visitors can click on the button below which displays as an opened chest box, and then a new tab will be opened for them to download the coupon. (easter egg: if visitors click on the chest box button without solving , they will get a fake coupon)

contact.handlebars

Like a regular business website, this page contains the contact information of the store. There is a Google Map with marker showing the location of the store. Also, visitors can click on the bus stop image, which will lead to an outside website for bus information.

Techniques and New Skilled that I learned

from outside source

Use Bootstrap to create carousel slide show and a fixed top navigation bar; add a Google Map to a page

from sketch

Create a customized block helper function in Express Handlebars; utilize DOM to make a puzzle game

Most Difficult Part

Although I spend the most time on the puzzle game, getting the text and image at the desired position on the page is the most difficult for me, especially the vertical and horizontal alignment of div, text in div and image.

Time Distribution

The whole project took about 30 hours. 9 - the puzzle game; 7 - CSS; 4 - carousel slide show; 4 - fixed navigation bar; 3 – setting on handlebars template; 4 – gathering images and data