

FIT1050 Ass3 Report

The website can be found at:

<https://whiletruebreak.github.io/fit1050/ass3/>

Cover up car accessories is a website for a small business that sells car accessories such as car seat cover and steering wheel covers. The site is meant to be the first place for customers to visit so creating a good first impression is important. The demographic the site appeals to would be any one that has an interest in cars. The site consists of a few large images depicting cars.

The site is split into 3 major sections: the nav bar plus banner, a small shop introduction and a news section. The original website had a central text box that contained all sorts of information so when designing this website I decided to move most of it to the new sections.

The navbar has also been changed from the original website. Many of the original links have been condensed into one button that also doubles as a dropdown. Since all of the original links all lead to shops selling items a single shop page is needed and a filter can be applied to sort for certain items. This removes a large amount of links in the navbar that will clutter it making it messy. By only having a single button users will know that it is what they are looking for therefore improving user experience. By having a drop down the user is able to view the categories that the shop has and by clicking them it will redirect them to a shopping page with the correct filters. If the shop button is clicked it will redirect to the shop page without any filters. The news button is added there to inform users that a new section of the home page exists and when clicked will just scroll the page to the new sections.

A small shop section is designed so customers can expect what the shop is designed to sell and gives the opportunity to display the best items on the home page. The banner includes scrolling images which can cycle through the many items that the shop may want to be on display. After the customer has seen the featured items on this section there is a shop section just under it to direct user to the main shopping page of the website

The news section can be expanded with new entries when needed. It only shows a short description of the new and will redirect the user to a new page if clicked. This removes the clutter from the home page creating a much cleaner design. A button at the end of this section is added to scroll back to the top of the page so if a user presses the news button on the nav bar there is an easy way to return back to the top. Otherwise the user may need to scroll and could leave the site due to that.

All Images are no larger than they need to be without making them look pixelated when on a large high resolution screen.

The website is made accessible by having large text that is easy to read. The text is always a contrasting color compared to the background they are on to make it stand out as much as possible. Buttons are also large so users that may not have the required motor functions to hit small text size buttons are still able to click them. The hitboxes of the button often extend way past the text. All images except for background images are given alt text as users that may be using text to speech can still have a description of the image.

The javascript on the website controls the auto scrolling banner, the dropdown and some of the dynamic resizing. The auto scrolling banner is done using bootstrap. The dropdown is controlled by a script that is triggered when the mouse is moved. When the mouse is moved it checks if any .nav-dropdown elements are hovered over. If they are it gets the child element and shows it and if they are not it hides the child element. This is made in a way that if new dropped downs are needed the script will work with any dropdown as long as the html structure is correct. The final script maintains the square shape of the shop images regardless of the original image without losing aspect ratio.

Image Resources

<https://pixabay.com/photos/seat-cushion-auto-accessories-1099616/>

<https://www.bardwellmatting.com.au/images/product/Ute-Matting-1.jpg>

<https://www.istockphoto.com/photo/hygienic-masks-in-the-steering-wheel-gm1282656475-380319580?phrase=steering+wheel+cover>

<https://www.wallpaperflare.com/bmw-bmw-x1-australia-car-city-luxury-car-suv-sydney-harbour-b-ridge-wallpaper-bwsz/download/1920x1080>

https://www.freepik.com/free-photo/black-interior-details-modern-luxury-car_13554632.htm#query=car%20seat&position=26&from_view=keyword&track=ais

<https://wallpapers.com/wallpapers/byton-suv-leather-car-interior-riqz785c7yfxckai/download>

<https://lovepik.com/download/detail/400233895?byso=&type=3>

<https://www.pexels.com/photo/red-vehicle-on-the-road-1545743/>