Website Re-design JB-HiFi

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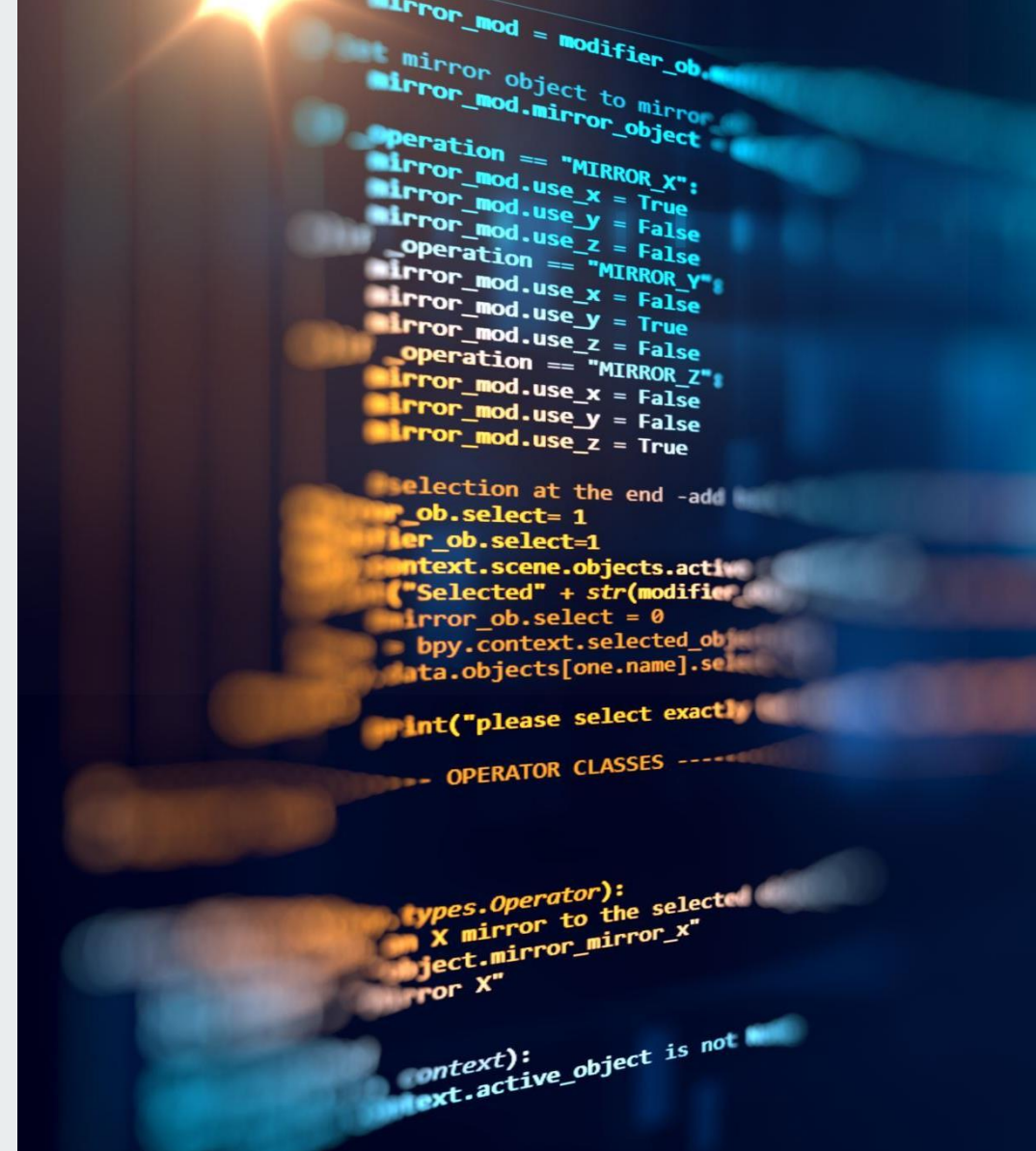270204759@yoobeestudent.ac.nz

Development Process

Website re-design of JB HiFi were based on the UX Research, Analysis and Design paper in Assessment 1

Layout and components of the website utilised LoFi and HiFi wireframes from the paper in Assessment 1

Styles were also based on the Style Guide as indicated in the Assessment 1 paper

Layout of the website

The layout of each of the pages of the website were done using CSS directives, CSS Grids and Flexbox directives

Functionality of the website

The website was developed using HTML, CSS and JavaScript

The Carousel part of the landing page was created using Bootstrap 5.0. The use of Bootstrap was approved by the tutor.

The website is fully responsive to different media screens, such as Desktop, Tablets, and Mobile phones. Responsiveness of the website were achieved using Media Queries directives

Functionality of the website (cont.)

The Products and Cart pages of the website were made interactive using JavaScript

The sample products demonstrated in the website are dynamically created and are saved in the browser's localStorage object. The localStorage was utilized as a sort of a database to persist data.

The View Cart page of the website is interactive. The user can edit the quantity of the product and the changes are immediately reflected into the invoice part of the page

The user is also able to remove a product in the View Cart page by clicking the (-) button

Total amount to be paid is also interactively computed based on the product quantity to purchase, the price and any delivery fee

Functionality of the website (cont.)

The website also demonstrates the use of forms.

The forms are demonstrated in the Login page as well as in the Contact page.

Website Deployment

- Source codes of the website are stored in the author's Github repository (https://github.com/gagabon501/cs101)

- Live version of the website is deployed in the author's Netlify account (https://cs101-jbhifi.netlify.app)

References

Bootstrap 5.0 (https://getbootstrap.com/)

Fontawesome (https://fontawesome.com/)

The Noun Project (https://thenounproject.com/)

JB HiFi (https://www.jbhifi.co.nz/)

Github Repository (https://github.com/gagabon501/cs101)

Netlify (https://netlify.com)