

SUPER VISUAL ANIMATION

This is the final report on the website Super Visual Animation built on behalf of ManCave Gaming.

Framework used

The framework we used in building a gaming ecommerce website was Creative Tim. Creative Tim is a framework used for most e-commerce websites. We implemented the Creative Tim in our seller API where anyone can sign-up to be a seller. We used beautiful framework from Creative Tim.

API's Used

Payment API

There is a necessity to take customer payment in every e-commerce website. In order to take payment, you would need a payment API. We used pay stacks API as a gateway to allow transactions on the website.

User Registration and Login

To allow easy user registration and login, an API was used to enable new user registration on the website. The registration API collects information from the user like the email, password and name, with the email being the users default identity property. The same goes for login where the user is required to provide proof of identity to gain access into the system.

Cart API

This API was used to allow users to handle cart API operations like automatically processing the customer's shopping cart.

Search API

This API was used in the system to add search capabilities to the website by providing the necessary backend tools for querying various types of data. With this, a user/seller has the ability to locate any product on the store with ease

Languages Used and Architecture

The languages used in our project were HTML, CSS, JavaScript, and PHP. HTML, CSS, and JavaScript were used for the work on the frontend while PHP was used as our backend language. We used PHPMyAdmin to configure our database. We worked on an MVC format using these languages. The work was structured in a three-tier architecture format

Components

Our website includes various components such as login and register, cart, catalogue, search, payment, and the option to become a seller. Our login and register pages are no hassle as they contain all the information needed and points customers on where they are supposed to go to input their data. Our checkout process is simple, swift, and straightforward with no additional costs appearing from nowhere and no hidden charges later. Our products are displayed nicely, the descriptions are easy to read and understand and the images are clear and easily seen. Products can also be searched and displayed nicely and efficiently. Our payment process makes sure only approved payments are inserted into our system and no extra charges are appearing from anywhere.