Top Top Hats

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OBLIGATORY CAT PICTURE

Overview

Problem To Solve:

The world had a critical shortage of quirky, statement-making top hats for every occasion.

Overall Description:

This project involves designing and developing a user-friendly website for TopTopHats LLC, a fictional retailer specializing in unique top hats. The site features a home page showcasing featured products, a product catalog with descriptions and images of each hat, and functionality for customers to add items to a shopping cart, proceed to checkout, and explore additional pages like About and Contact. The project emphasizes approachable design, interesting visuals, and seamless user interactions to create an enjoyable shopping experience for top hat enthusiasts.

Technologies Utilized In Development

HTML, CSS, JavaScript

- Core technologies for building and styling the web pages.

SweetAlert2

- Modern and customizable popups for enhanced user experience.

Python (HTTP Server)

- Used for hosting the project locally during development.

LocalStorage

- For storing and persisting cart data on the client side.

Git/GitHub

- Version control and collaboration platform.

Visual Studio Code

- Integrated Development Environment (IDE) for writing and testing code.

Project Architecture

Frontend :

- HTML for structure, CSS for design, JavaScript for interactivity.
- SweetAlert2 for modern popup dialogs.

Backend :

- Python's HTTP server for local development and testing.

Data Flow :

- Products and cart details handled through **LocalStorage** .
- Pages dynamically update data using JavaScript.

Project Architecture

Folder Structure :

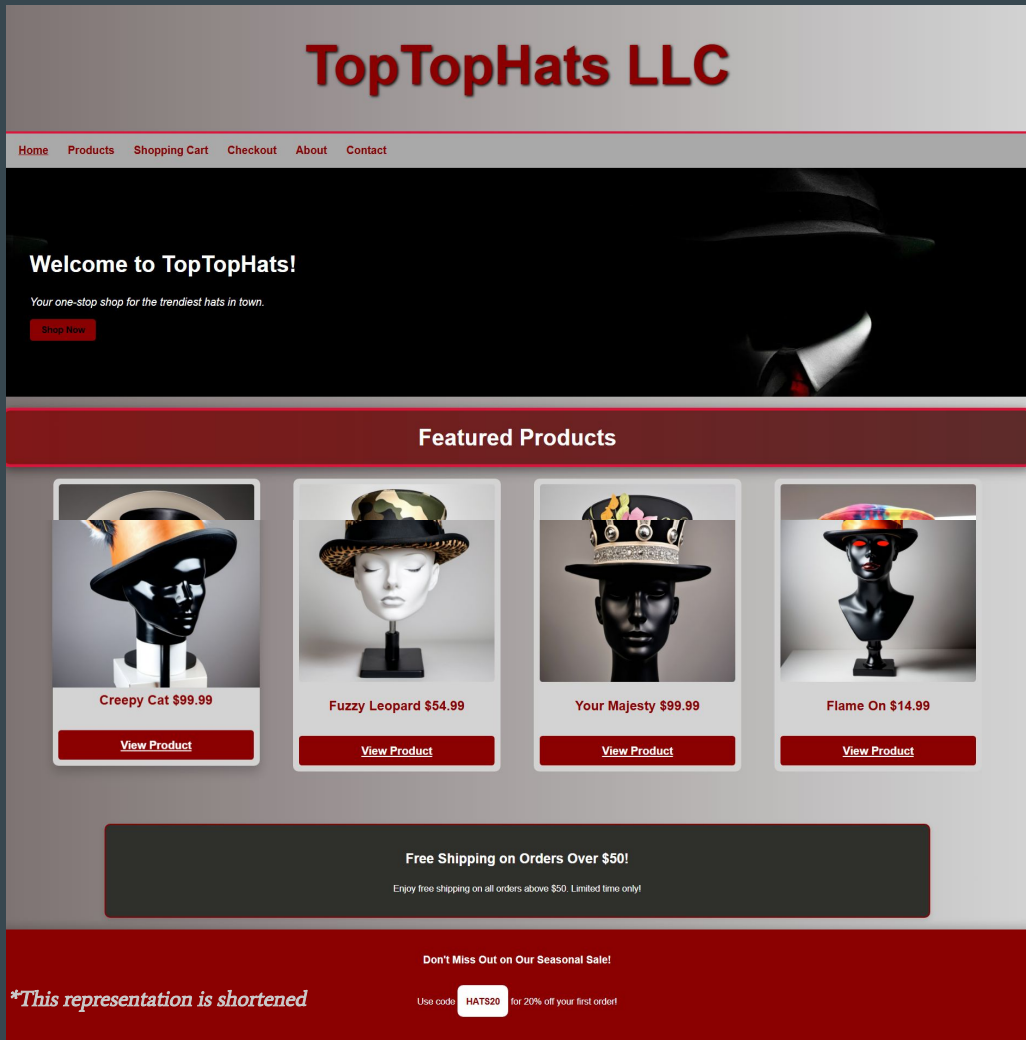- Organized for clarity and maintenance:

```
HIC_Project/
├── assets/
│   ├── css/
│   ├── imgs/
│   └── js/
├── home.html
├── products.html
├── cart.html
├── checkout.html
├── about.html
├── contact.html
```

Process Flow :

- User interacts with pages → Data stored in LocalStorage → Checkout page retrieves and processes the data.

Home

- Consistency: Introduces the visual paradigm & structure used throughout connected pages.

- Internal Locus of Control: Nav bar allows for simple & centralized traversal.

- Informative Feedback: hovering over elements changes their color and size showing preliminary selection.

- Reduce Memory-Load: parallel pathways for page traversal, easily distinguishable sections.

Products

- Displays a collection of 15 unique top hats.
- Consistency: Product follow similar structure with image, title, and price
- Shortcuts: Use of the nav bar
- Feedback: Hover effects on buttons and links provide immediate feedback.
- Short Term Memory: The info is displayed clearly and consistently amongst all products

Discover Our Exclusive Collection

Big Boy
$89.99
Add to Cart

Flowerly
$74.99
Add to Cart

Creepy Cat
$99.99
Add to Cart

Commando
$29.99
Add to Cart

Denim
$69.99
Add to Cart

Details

- Consistency: Consistent layout per product

- Shortcuts/Reversal: Nav bar

- Feedback: Hover events on buttons and links

- Dialog: Pop-ups when adding to cart

- Short-Term Memory: Shows details for one product

Cart

Shows all added products with details like image, name, price, and quantity.

Options to:

- Remove items.
- View total price dynamically.

Your Shopping Cart

	Commando	$29.99 x 1	$29.99	Remove

Total: $29.99

Proceed to Checkout

Checkout

Users input billing and shipping information.

Displays order summary with:

- Product details.
- Dynamic shipping and discount application.
- Total price.

Options to:

- Apply promo codes.
- Complete the purchase with a payment method.

Billing Details

Name

thrtehrt

Address

thrtehtreh

Payment Method

Credit Card

Place Order

Order Summary

Commando (x1) - $29.99

Orders below $50 include a $10 shipping fee.

Discount Code:

HATS20

Apply

Total: $31.99

Don't Miss Out on Our Seasonal Sale!

Use code HATS20 for 20% off your first order!

About Us

Consistency: Hold similar layout to th rest of the website with color patterns and style

Shortcuts: Navigation bar helps with easy movement

Short term memory: Simple layout with explanation of website/company

Contact Us

Consistency: Simple layout holding similar structure to the rest of the website

Shortcuts: Navigation bar for easy movement

Dialog: Simple contact Information

Short term memory: Quick process leads to small memory usage

Contact Us

Phone: 1-800-FUNKY-HAT

Email: hats@funkify.com

Address: 123 Hat Lane, Funktown, USA, 98765

Office Hours: Mondays to Fridays, 10:00 AM - 5:00 PM

Carrier Pigeon: Look for the bird wearing the smallest top hat – he'll know what to do.

Send Us a Message

Your Name

Your Email

Your Message

Send Message

Let's Demo!