

## Web Technology -Assignment 2

### Charity Christmas Gift Shop

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Course: Web Technologies – JavaScript & Bootstrap

#### Project Description

This project is a functional web application built using HTML, CSS, JavaScript, and Bootstrap. The goal is to create an interactive Charity Christmas Gift Shop where users can browse products, add items to their cart, view totals with discounts and taxes, and complete a checkout form.

#### Implemented Requirements

- ✓ 12 Christmas-themed charity gift products displayed in a responsive grid.
- ✓ Each product includes an image, title, description, price, and 'Add to Cart' button.
- ✓ JavaScript-powered shopping cart: add, remove, increase/decrease quantity.
- ✓ Automatic discount applied when 3 or more items are added to the cart.
- ✓ Tax calculation included.
- ✓ Checkout form with required user information fields.
- ✓ Order confirmation section generated by JavaScript.

# Bootstrap Components Used

Below is the list of Bootstrap components used in the project:

## 1. Navbar

Used for the top navigation menu (Gifts, Cart, Checkout).

Classes used: `navbar`, `navbar-brand`, `navbar-expand-lg`, `navbar-dark`, `bg-danger`, `nav-link`.

## 2. Grid System & Containers

Used to structure the layout of all website sections.

Classes used: `container`, `row`, `col-md-4`, `col-lg-3`, `g-4`.

## 3. Cards

Used to display each product with an image, title, description, and price.

Classes used: `card`, `card-img-top`, `card-body`, `card-title`, `card-text`.

## 4. Buttons

Used for Add to Cart, quantity +/- buttons, remove item, and confirm order.

Classes used: `btn`, `btn-danger`, `btn-secondary`, `btn-success`, `btn-sm`, `w-100`.

## 5. Alert Component

Used to display the promotional discount message.

Classes used: `alert`, `alert-success`, `text-center`.

## 6. Table

Used for the shopping cart structure.

Classes used: `table`, `table-bordered`.

## 7. Forms

Used in the checkout section for user input fields.

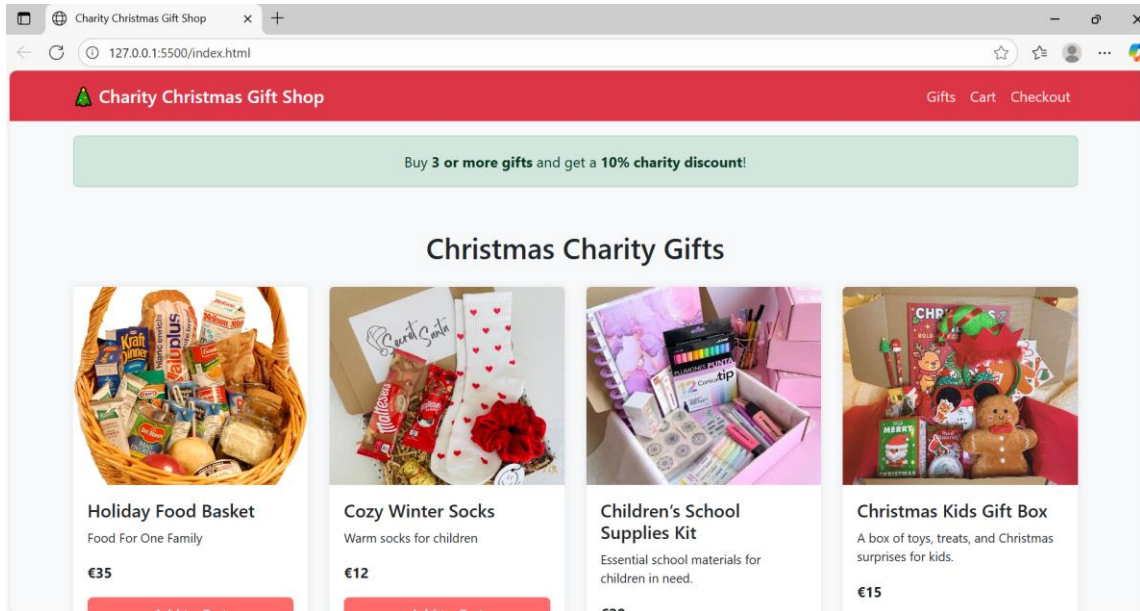
Classes used: `form-control`, `form-label`.

## 8. Utility Classes

Used for spacing, visibility, borders, alignment, and font formatting.

Examples: `d-none`, `my-5`, `mb-4`, `fw-bold`.

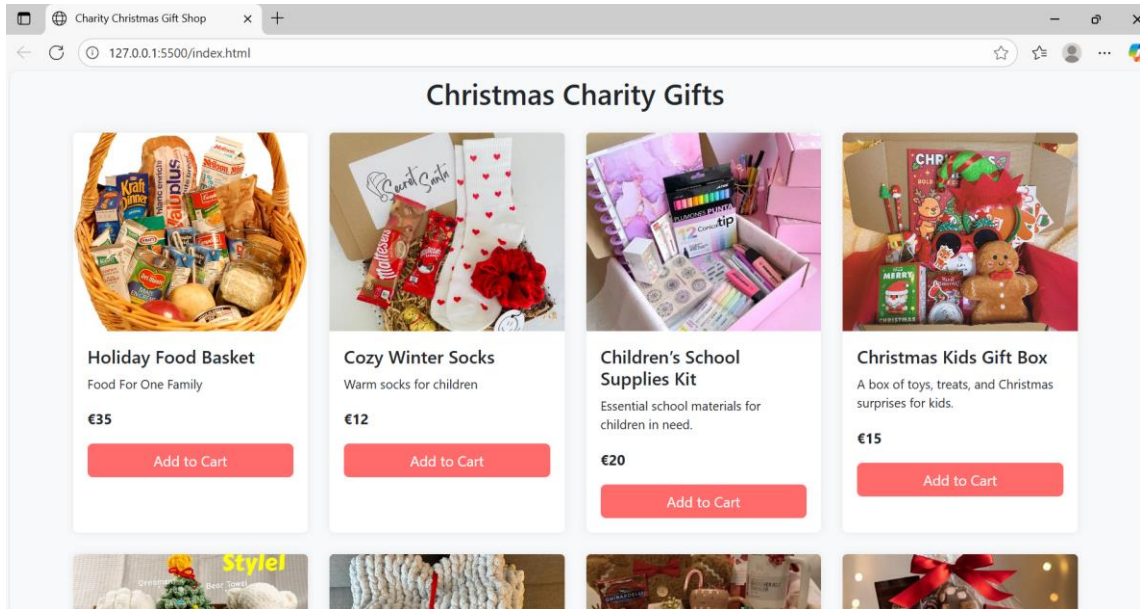
## Screenshot 1



## Homepage with Navbar and Discount Banner

Shows the top section of the website, including the navigation bar (Gifts, Cart, Checkout) and the promotional banner offering a 10% charity discount for purchasing 3 or more gifts.

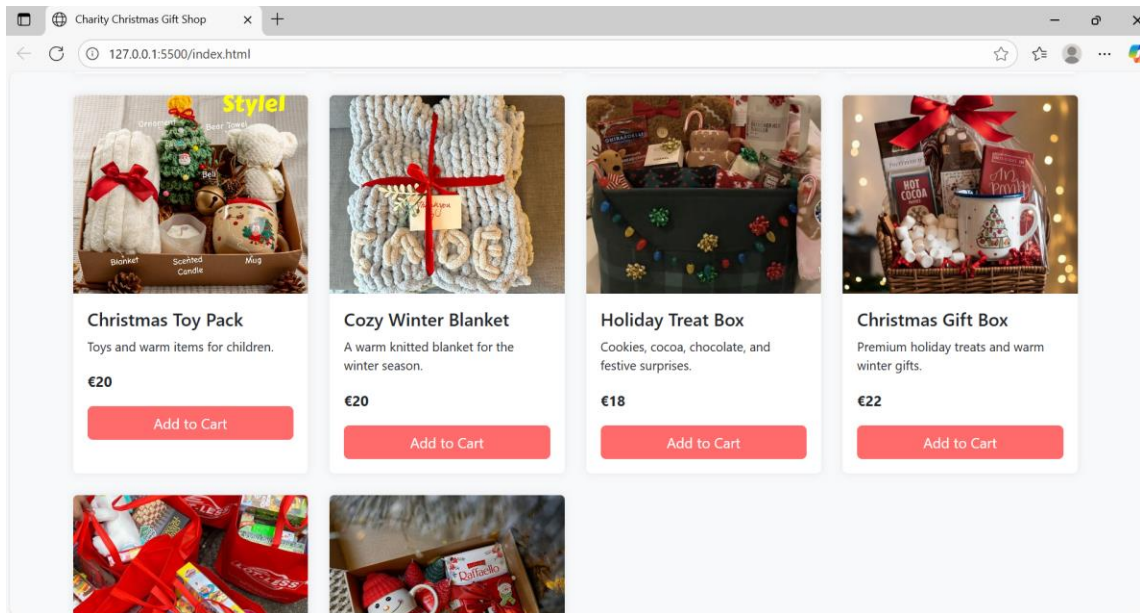
## Screenshot 2



### First Row of Gift Products

Displays the first set of gift items in the gallery, each presented with an image, title, description, price, and “Add to Cart” button. This demonstrates the proper layout of the product cards.

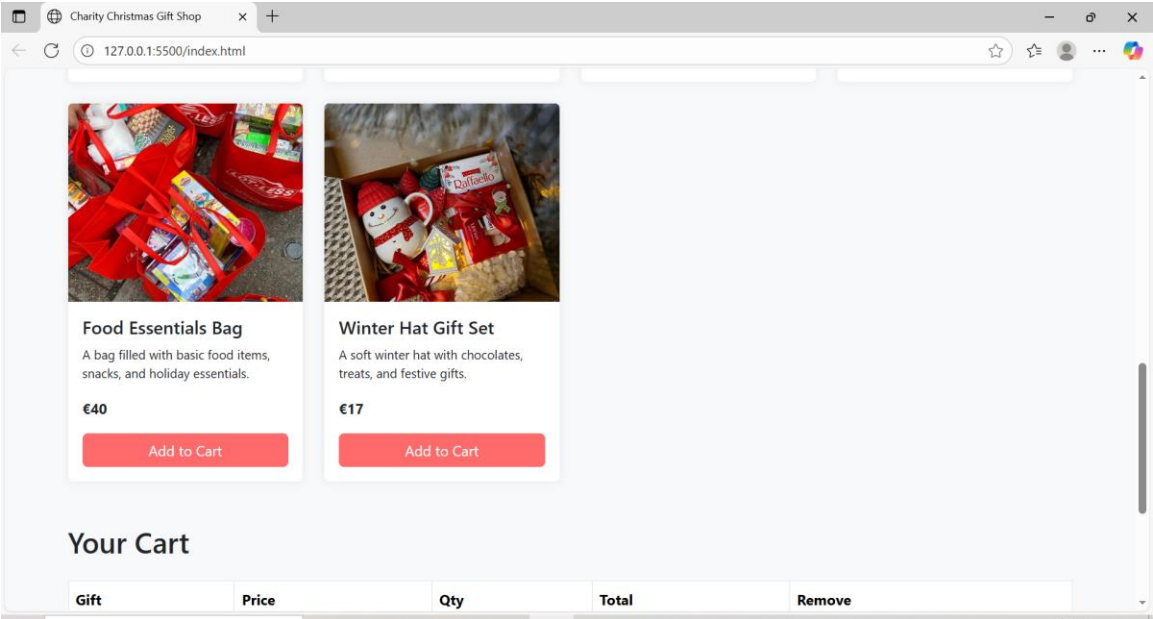
### Screenshot 3



### Second Row of Gift Products

Shows additional gift products, confirming that the gallery layout continues consistently across multiple rows.

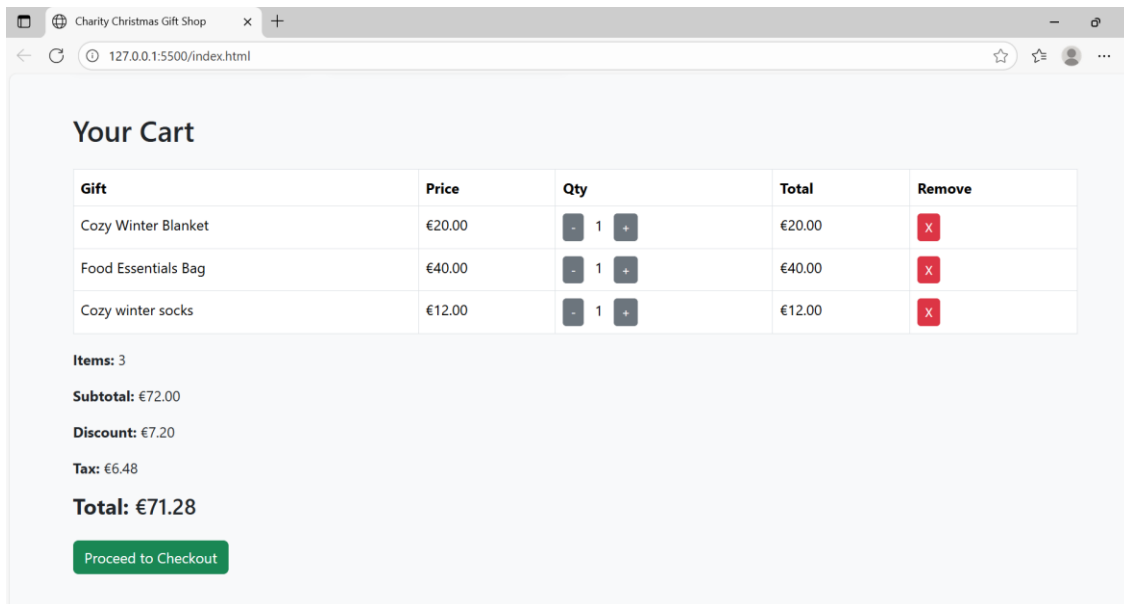
## Screenshot 4



## Final Row of Gift Products

Presents the last products in the catalog, showing that the full gallery loads correctly and all items are displayed.

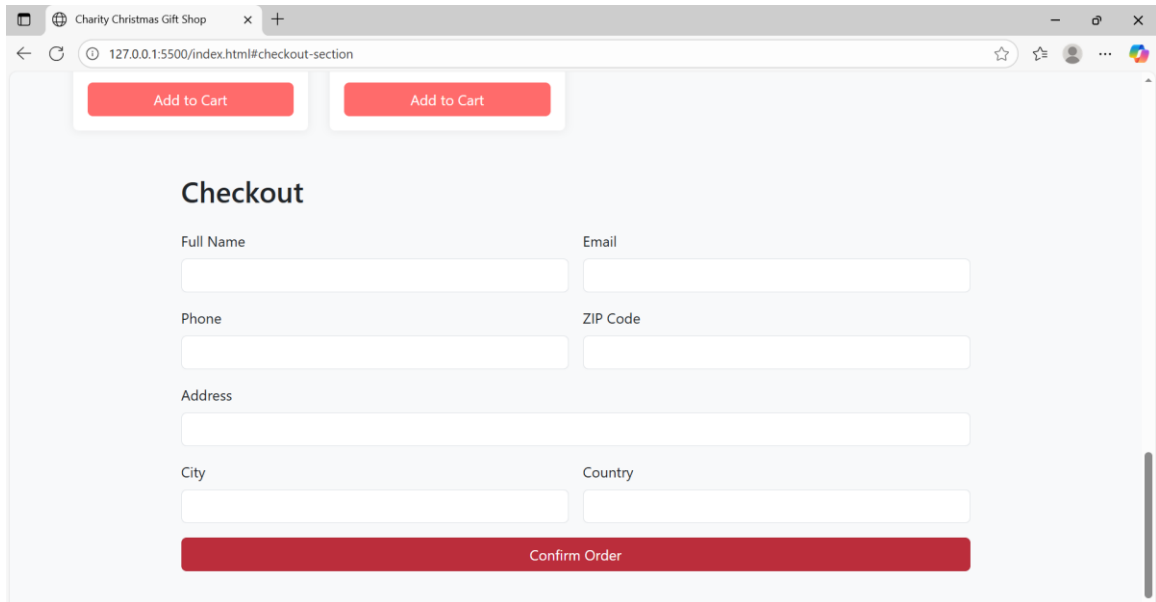
## Screenshot 5



## Shopping Cart Section

Displays the shopping cart with added items, including quantity controls, remove buttons, subtotal, discount, tax, and total. This verifies that the JavaScript cart functionality is working properly.

## Screenshot 6



The screenshot shows a web browser window with the title 'Charity Christmas Gift Shop'. The address bar displays '127.0.0.1:5500/index.html#checkout-section'. The page content includes two red 'Add to Cart' buttons at the top. Below them is a section titled 'Checkout' with several input fields: 'Full Name', 'Email', 'Phone', 'ZIP Code', 'Address', 'City', and 'Country'. A large red 'Confirm Order' button is positioned at the bottom of the form.

Charity Christmas Gift Shop

127.0.0.1:5500/index.html#checkout-section

Add to Cart Add to Cart

### Checkout

Full Name Email

Phone ZIP Code

Address

City Country

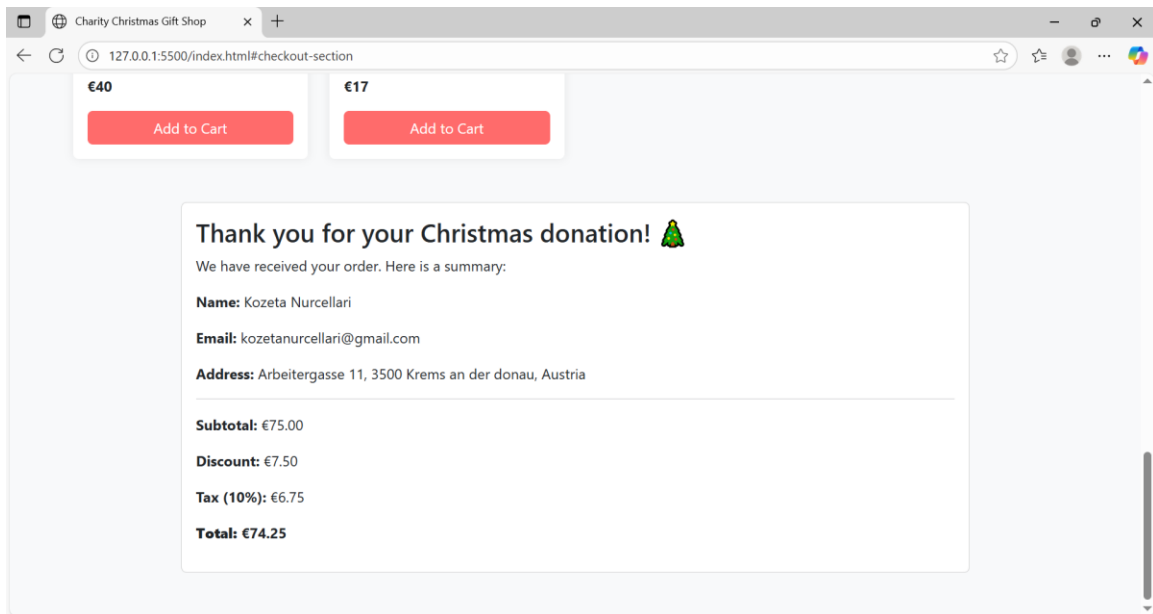
Confirm Order

## Checkout Form

Shows the checkout form where users enter their personal information to complete the order, demonstrating the final step of the purchase process.



## Screenshot 7



## Order Confirmation

Shows the final confirmation page after checkout, displaying the customer's details and the complete order summary.