

Web Technology – Assignment 2

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Course: Web Technology

This project is a small front-end charity e-commerce webpage called “Adopt a Beehive”.

It allows users to:

Explore charity products

Add items to a donation cart

Proceed to checkout

Validate their information

Receive a summary of their charitable purchase

Personal Motivation :

The idea for this project came naturally:

Back in my hometown, my family has some beehives, so I wanted to build something meaningful and connected to nature.

Supporting beekeeping and pollinators is something close to home, and this inspired me to design a charity website based on beehives and eco-friendly products.

Technologies Used

HTML5

CSS3 (custom styles)

Bootstrap 5.3 (via CDN)

Used for:

Navbar,Cards,Buttons,Forms,Table styling,Grid system,Alerts,Utility classes

JavaScript

Bootstrap Components Used

The project uses several official Bootstrap 5 components:

- Navbar

Responsive collapse menu.

- Cards

Used for the 10 charity products.

- Grid System

col-sm-6 col-md-4 col-lg-3 for fully responsive product layout.

- Buttons

Bootstrap styles for all action buttons.

- Forms

Used for the checkout page inputs.

- Table

Used to display cart items dynamically.

- Alerts

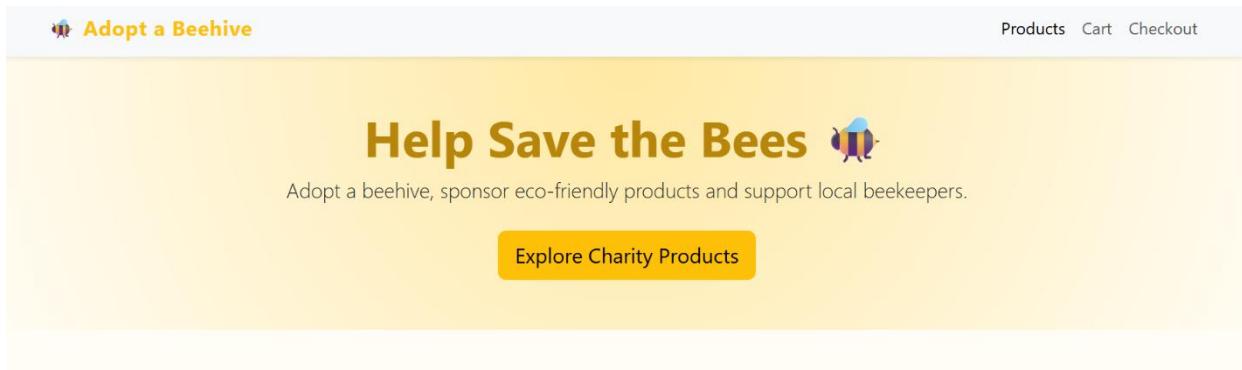
Used for notifications in the checkout and confirmation pages.

- Utility Classes

Spacing, typography, colors, etc.

8. Screenshot Evidence

Screenshot 1 – Homepage Hero Section



Screenshot 2 – Product Gallery

Charity Products & Beehive Packages

 <p>Adopt a Beehive – Starter Support one small beehive and receive a digital certificate.</p> <p>15.00 €</p> <p>Add to Cart</p>	 <p>Adopt a Beehive – Family Pack Help maintain two beehives and support a local beekeeper.</p> <p>5.00 €</p> <p>Add to Cart</p>	 <p>Bee-Friendly Garden Kit Starter kit with seeds and a small guide.</p> <p>25.00 €</p> <p>Add to Cart</p>	 <p>Organic Wildflower Honey Jar Pure local honey from our adopted beehives.</p> <p>60.00 €</p> <p>Add to Cart</p>
 <p>Beeswax Candle Set Natural beeswax candles supporting sustainable beekeeping.</p> <p>15.00 €</p> <p>Add to Cart</p>	 <p>Wildflower Seed Mix Pack Plant wildflowers and create a bee-friendly garden.</p> <p>5.00 €</p> <p>Add to Cart</p>	 <p>Sponsor a Beekeeper Suit Help us buy a safe protective suit for new beekeepers.</p> <p>60.00 €</p> <p>Add to Cart</p>	 <p>Educational Bee School Visit Fund an educational session about bees for a local school.</p> <p>90.00 €</p> <p>Add to Cart</p>

Screenshot 3 – Cart (Empty)

Your Donation Cart

Item	Qty	Price (€)	Subtotal (€)	Action
Current total (before discount & tax): 0.00 €				
Discount (3+ items) and taxes will be applied at checkout.				Proceed to Checkout

Screenshot 4 – Cart with Items

Your Donation Cart				
Item	Qty	Price (€)	Subtotal (€)	Action
Pollinator Friendly Tree	1	35.00	35.00	<button>Remove</button>
Educational Bee School Visit	1	90.00	90.00	<button>Remove</button>
Bee-Friendly Garden Kit	1	25.00	25.00	<button>Remove</button>

Discount (3+ items) and taxes will be applied at checkout.

Current total (before discount & tax): 150.00 €

[Proceed to Checkout](#)

Screenshot 5 – Checkout Form

Checkout – Donor Information

Please fill in your contact details to complete your charitable purchase.

Full Name	Email Address	
<input type="text"/>	<input type="text"/>	
Phone Number	Address	
<input type="text"/>	<input type="text"/>	
ZIP Code	City	Country
<input type="text"/>	<input type="text"/>	<input type="text"/>

Your donation helps us protect bees and support local beekeepers. ❤️

[Confirm & Donate](#)

Screenshot 6 – Confirmation Summary

Your charitable purchase has been recorded. A confirmation email will be sent to you.			
Order Summary			Donor Details
Item	Qty	Price (€)	Subtotal (€)
Pollinator Friendly Tree	1	35.00	35.00
Educational Bee School Visit	1	90.00	90.00
Bee-Friendly Garden Kit	1	25.00	25.00
Subtotal	150.00 €		
Discount (3+ items)	-15.00 €		
Tax (10%)	13.50 €		
Total to pay	148.50 €		

This is a fictional charity project created for a Web Technology assignment.

Image References

All images used for the products were manually searched and downloaded from Pinterest, using publicly available educational-use pins.

Primary Source:

<https://www.pinterest.com>

Keywords used for finding images:

“small beehive box”

“beehive family apiary”

“premium beehive wooden”

“honey jar aesthetic”

“beeswax candles”

“wildflower seed packet”

“garden starter kit”

“beekeeper suit”

“kids learning about bees”

“pollinator tree blossom”

Other References

Bootstrap 5.3 Documentation

<https://getbootstrap.com/docs/5.3/getting-started/introduction/>

JavaScript (MDN Web Docs)

<https://developer.mozilla.org/>

The chosen theme reflects my personal background—since my family has beehives in my hometown—and allowed me to create something meaningful, educational, and technically well-implemented.