

Web Technology – Assignment 2

Student Name: Ina Bala

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

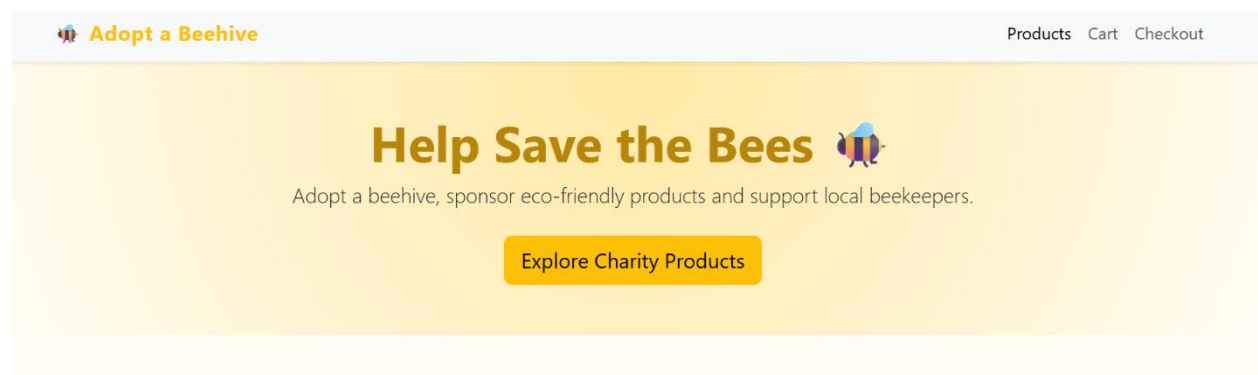
Used for notifications in the checkout and confirmation pages.

- Utility Classes

Spacing, typography, colors, etc.


8. Screenshot Evidence

Screenshot 1 – Homepage Hero Section




Screenshot 2 – Product Gallery

Charity Products & Beehive Packages




Adopt a Beehive – Starter

Support one small beehive and receive a digital certificate.




Adopt a Beehive – Family Pack

Help maintain two beehives and support a local beekeeper.



Organic Wildflower Honey Jar

Pure local honey from our adopted beehives.




Beeswax Candle Set

Natural beeswax candles supporting sustainable beekeeping.

15.00 €

Add to Cart




Wildflower Seed Mix Pack

Plant wildflowers and create a bee-friendly garden.

5.00 €

Add to Cart




Bee-Friendly Garden Kit

Starter kit with seeds and a small guide.

25.00 €

Add to Cart




Sponsor a Beekeeper Suit

Help us buy a safe protective suit for new beekeepers.

60.00 €

Add to Cart




Educational Bee School Visit

Fund an educational session about bees for a local school.

90.00 €

Add to Cart



Pollinator Friendly Tree

Plant a tree that provides nectar and pollen for bees.

35.00 €

Add to Cart

Screenshot 3 – Cart (Empty)

Your Donation Cart

Item	Qty	Price (€)	Subtotal (€)	Action
------	-----	-----------	--------------	--------

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

Current total (before discount & tax): 0.00 €

Proceed to Checkout

Screenshot 4 – Cart with Items

Your Donation Cart

Item	Qty	Price (€)	Subtotal (€)	Action
Pollinator Friendly Tree	1	35.00	35.00	Remove
Educational Bee School Visit	1	90.00	90.00	Remove
Bee-Friendly Garden Kit	1	25.00	25.00	Remove

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

Phone Number

Address

ZIP Code

City

Country

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

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 €

Donor Details

Name: Ina Bala
Email: inabala12@gmail.com
Phone: 0676589872
Address: Arbeitergasse 11/14, 3500 Krems an der donau, Austria

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

Image Refereces

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.