

Assignment 2 – Documentation

Project Title: Charity Donation Shop

This project is a single-page donation booking system built for a charitable scenario. The goal is to keep everything inside one HTML file while still giving the user a clear, step-by-step process: choosing donation packs, entering contact details, and receiving a final confirmation of the donation.

Bootstrap Components Used

Several Bootstrap components were used to create a clean, structured, and responsive layout.

The main components are:

1. **Navbar** – header with navigation links.
2. **Cards** – used for donation packs, cart, and confirmation summary.
3. **Progress Bar** – shows step 1–3 of the flow.
4. **Alerts** – discount notice and final confirmation message.
5. **Tables** – cart items and order summary.
6. **Bootstrap Forms** – used for the checkout form, including validation messages.
7. **Grid System** – containers, rows, and columns for full responsiveness.

JavaScript Functionality

JavaScript controls the flow of the page, the cart logic, calculations, and form validation.

The main functions are:

- **Step switching** – shows and hides sections using the Bootstrap class *d-none*.
- **Product list** – donation packs stored in an array of objects (id, name, price).
- **Cart logic** – `addToCart()` and `updateCartUI()` manage quantities, subtotals, and totals.
- **Form validation** – required fields, numeric-only phone, ZIP up to 6 characters, simple email check.
- **Totals and discount** – 10 percent discount when 3+ items are donated, then a 5 percent fee added.
- **Confirmation** – builds a summary of the items and the user's contact details.
- **Reset** – clears the form and the cart so the process can start again.

Screenshots – Step 1

The first screenshot shows the donation gallery and the cart on Step 1 of the process.


Charity Donation Shop

Select donation packs, add them to your cart and support children in need.

Step 1: choose items → Step 2: enter your details → Step 3: see confirmation


Step 1 of 3

Donation packs




Winter Warmth Kit

Warm clothing and blanket for one child



School Starter Kit

Backpack, notebooks and pens.



Emergency Food Box

Food for a family for several days.

€30.00

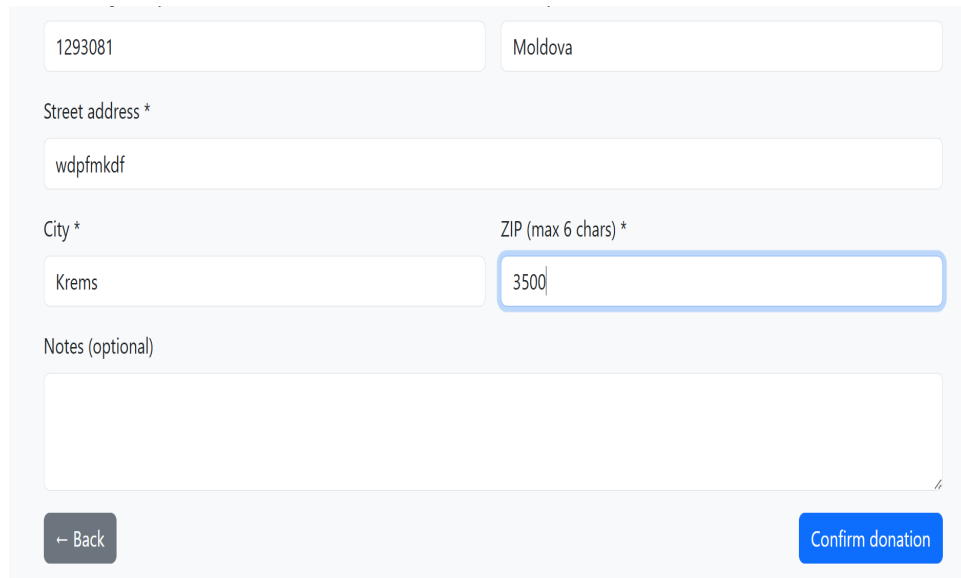
Cart

Item	Qty	Total (€)
Cart is empty		
		Subtotal: 0.00 €
Go to checkout		

If you donate 3 or more items in total, a

Screenshots – Step 2

The second screenshot shows the checkout form where the user enters their contact details.



A screenshot of a checkout form with a light gray background. The form contains several input fields and two buttons at the bottom. At the top, there are two side-by-side input fields: the left one contains '1293081' and the right one contains 'Moldova'. Below these is a single input field labeled 'Street address *' containing 'wdpfmkdf'. Underneath that are two more input fields: 'City *' containing 'Krems' and 'ZIP (max 6 chars) *' containing '3500'. The ZIP field has a blue border and a cursor at the end. Below the ZIP field is a large, empty text area labeled 'Notes (optional)'. At the bottom left is a dark gray button with a left arrow and the text 'Back'. At the bottom right is a blue button with the text 'Confirm donation'.

1293081	Moldova
Street address *	
wdpfmkdf	
City *	ZIP (max 6 chars) *
Krems	3500
Notes (optional)	
← Back	Confirm donation

Screenshots – Step 3

The final screenshot shows the confirmation page with the order summary and user details.

Thank you for your donation! Here is a summary.

Order summary

Item	Qty	Unit	Total
Emergency Food Box	3	30.00	90.00
			Subtotal: 90.00 €
			Discount: -9.00 €
			Tax / fee (5%): 4.05 €
			Total: 85.05 €

Your details

Name: Andrei Simonov

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Notes:
No special notes.

[New donation](#)