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

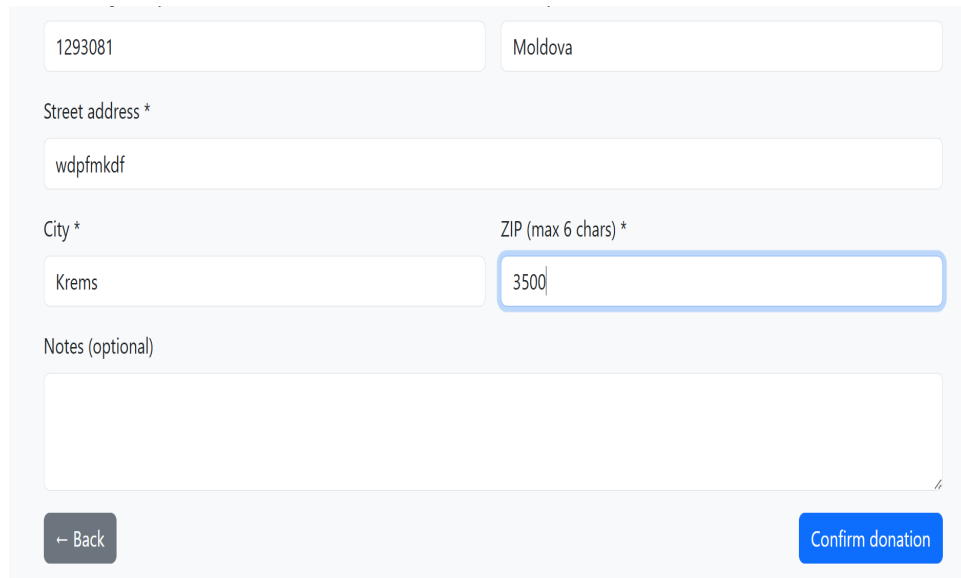Food for a family for several days.

€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.

1293081	Moldova

Street address *

wdpfmkdf

City *

Krems

ZIP (max 6 chars) *

3500

Notes (optional)

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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