

## Assignment 2 – Documentation

### Project Title: Charity Donation Shop

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

### Bootstrap Components Used

I used several Bootstrap components to structure the page and make everything clean and responsive. The main components are:

1. Navbar – a simple header at the top of the page.
2. Cards – used for the donation items and the summary boxes.
3. Progress Bar – shows which step the user is currently on.
4. Alerts – one for the discount message and one for the final confirmation.
5. Tables – used in the cart and in the order summary.
6. Bootstrap Forms – used to build and style the checkout form.
7. Grid System – containers, rows, and columns used throughout the layout.

### JavaScript Functionality

The JavaScript code handles the page flow, cart management, form validation, and the final calculations. The main ideas:

- Step switching:

The function `setStep(step)` hides or shows one of the three page sections by toggling the Bootstrap class "d-none".

- Product list:

The donation items are stored in an array of objects. Each object has an id, name, and price. This makes it easy to update or expand the list.

- Cart logic:

`addToCart()` increases item quantities and `updateCartUI()` refreshes the visible cart.

The cart updates immediately after each action.

- Form validation:

The function `validateForm()` checks: required fields, a numeric-only phone number, ZIP code up to 6 characters, and a basic email structure.

- Totals and discount:

`calculateTotals()` computes the subtotal. If the user donates 3 or more items in total, a 10 percent discount is applied. After that, a 5 percent fee is added.

- Confirmation page:

`showConfirmation()` builds the summary table and displays all details entered by the user.

- Reset:

`resetAll()` clears the form, the cart, and returns the user to Step 1.

## Screenshots

Below are screenshots of the three main steps of the website.


### 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 €
<a href="#">Go to checkout</a>		

If you donate 3 or more items in total, a

1293081

Moldova

Street address \*

wdpfmkdf

City \*

Krems

ZIP (max 6 chars) \*

3500

Notes (optional)

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Confirm donation

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