

# IMC Krems Charity

Choose donation packages, review your cart, enter your details, and confirm.

Step 1 of 4: Choose products

## Step 1: Choose donation products

Add at least **three** items to receive a **10% discount** on your total donation.

Items in cart: 0

Total: €0.00

Discount: €0.00

### Food packs

Basic food support for families, seniors and babies.



between here i have all the products

€8.00

Add to cart

Add to cart

Add to cart

Add to cart

### Electronics & access

Light, water and digital access for people in need.



#### Solar Lantern

Portable solar light for dark areas.

€15.00

Add to cart



#### Water Filter Bottle

Clean drinking water on the move.

€10.00

Add to cart



#### Internet Access Voucher

Short-term internet for school or work.

€4.00

Add to cart



#### E-book

Digital reading material.

€16.00

Add to cart

Go to Step 2: Review Cart

## STEP1. CHOOSING THE PRODUCT

- The page starts with a bootstrap navbar (navbar, navbar-expand-lg, navbar-dark, bg-dark) containing the links to donation process, about us, and how donations help.
- A header section that i used bootstrap classes (py-5, text-center, display-4, lead) used to write the purpose of imc krems charity
- A bootstrap progress bar (progress, progress-bar, progress-bar-striped, progress-bar-animated) indicates the current step you are for 1 to 4.
- The products are displayed using the bootstrap grid system (container, row, col-12 col-md-6 col-lg-3, g-3) to make sure i have a responsive layout.
- Each product is displayed inside a bootstrap card (card, card-body, card-img-top, h-100) including an image, description, price, and action button.
- The add to cart buttons are bootstrap buttons (btn, btn-primary, btn-sm) and trigger the addtocart(name, price) JS function using onclick.
- Bootstrap badges (badge bg-primary, bg-secondary, bg-success) display real-time cart information: item count, total amount, and discount.

### About Us

IMC Krems Charity is a student-led initiative dedicated to helping families and individuals in need through donation packages. Our mission is to provide essential items including food, hygiene products, shelter care, toys, and electronics to those who need them most.

We work with local communities and organizations to ensure that every donation reaches those who need assistance the most. Your contributions make a real difference in people's lives.



University of Applied Sciences

### How Donations Help



Your donations directly impact the lives of families and individuals facing difficult circumstances. Each donation package we provide includes carefully selected items that address essential needs.

Food packs ensure families have access to nutritious meals. Hygiene and health products promote well-being and prevent illness. Home and shelter care items provide comfort and safety. Toys and leisure items bring joy and normalcy to children's lives. Electronics and access items help people stay connected and informed.

By choosing to donate, you are making a meaningful contribution to someone's quality of life and helping them during challenging times.

Product	Quantity	Price	Subtotal	Actions
Comfort Toy	1	€7.00	€7.00	- + Remove
Hot Meal Voucher	1	€5.00	€5.00	- + Remove
Transportation Ticket	1	€3.00	€3.00	- + Remove
E-book	1	€6.00	€6.00	- + Remove

Items in cart: 4

Total: €21.00

Discount: €2.10

**Final Total: €18.90**

Back

Continue to checkout

## Step2. Review cart

- With JS i hide step 1 and i show step 2 using the bootstrap utility class d-none via the showstep(2) function.
- The navbar with aboutus, how donationhelps, etc.. is hidden in steps 2–4 using `nav.classList.add("d-none")`.
- The cart contents are shown inside a bootstrap table (table, table-striped) wrapped in a responsive container (table-responsive).
- The table is generated dynamically in JS by the `rendercarttable()` function, which creates `<tr>` and `<td>` elements based on the `cart[]` array.
- Each cart item includes action buttons (-, +, remove) styled with bootstrap buttons (`btn btn-sm btn-outline-secondary`, `btn-outline-danger`).
- I use the `changequantity(index, delta)` increases or decreases the item quantity and removes the item if the quantity reaches zero using `cart.splice()`.
- i use the `removecartitem(index)` for removing a product entirely from the cart.
- A cart summary is displayed using bootstrap utility classes (`p-4`, `bg-light`, `rounded`) showing total amount, discount, and final total.
- The discount calculation is handled by `calculatetotals()`, applying a 10% discount when three or more items are added, using `DISCOUNT_ITEM_LIMIT` and `DISCOUNT_RATE`.

Step 3 of 4: Buyer details

### Step 3: Enter your details

Full name

Email

Street and house number

ZIP code

City

Country

Phone number

[Back to Step 2](#) [Go to Step 4: Confirm donation](#)

### Step 3: Enter your details

Full name  Full name must be at least 2 characters.

Email  Please enter a valid email address.

Street and house number  Address must be at least 2 characters.

ZIP code  ZIP code is required (max 6 characters).

City  City must be at least 2 characters.

Country  Country must be at least 2 characters.

Phone number  Phone number is required (digits only).

Please correct the highlighted fields before continuing.

[Back to Step 2](#) [Go to Step 4: Confirm donation](#)

## STEP3. BUYER DETAILS

- The form uses bootstrap form components (form-label, form-control) and the layout is structured with the bootstrap grid (row, col-md-6, col-md-4) for responsive web.
- The native browser validation is disabled with novalidate, and form submission is handled by JS using onsubmit="handlecheckout(event)".
- I put handlecheckout(event) to prevent the page to reload with preventDefault() and validates all input fields using validatecheckoutform().
- Jthe validatecheckoutform() checks name, email, address, ZIP code, city, country, and phone number (using the regex /^[0-9]+\$ to allow digits only).
- When an input is invalid, JS applies the bootstrap validation class is-invalid and inserts the error message into the corresponding div.invalid-feedback.
- If validation fails i put a general error message which is displayed using a bootstrap alert (alert alert-danger) inside #formmessagebox.
- When entering step3 previous validation errors are cleared using clearbuyerformvalidation() to avoid showing old messages.
- The “Back” and “Go to step4” buttons are aligned using Bootstrap utilities (d-flex, justify-content-between).

# IMC Krems Charity

Choose donation packages, review your cart, enter your details, and confirm.

Step 4 of 4 - Confirmation

## Step 4: Confirmation

Your donation has been successfully registered! Thank you for your generosity.

### Order Summary

Family Food Box × 1	€12.00
Senior Care Package × 1	€13.00
Baby Supplies × 1	€14.00

Family Food Box × 1	€12.00
Senior Care Package × 1	€13.00
Baby Supplies × 1	€14.00
Emergency Tent × 1	€40.00

Total: €79.00

Discount: €7.90

**Final Total: €71.10**

### Buyer Information

JUAN  
IMC 33  
2346 POLAND  
SOUTH AGRIVS  
Email: AHUAO@JAUL.COM  
Phone: 5739101

Start new donation

## STEP4.CONFIRMATION

- The page displays a bootstrap success alert (alert alert-success) confirming that the donation has been successfully registered.
- The bootstrap progress bar at 100% indicates that the user has reached the final step of the process.
- The order summary is generated dynamically using JS and displayed inside a bootstrap list group (list-group, list-group-item, d-flex, justify-content-between).
- Each list item shows the product name, quantity, and subtotal calculated in JS.
- The donation totals section is styled using bootstrap utility classes (p-4, bg-light, rounded) to clearly highlight the total amount, discount and final amount
- Discount values are calculated in JS using calculatetotals() and displayed in real time.
- The buyer Information section is filled dynamically using JS and injected into the page using innerHTML.
- Line breaks (<br>) are used to format buyer details such as name, address, email, and phone number.
- The “Start new donation” button is a bootstrap button (btn btn-primary) and calls resetprocess() to restart the entire donation flow.
- JS resets the cart, clears the form data, updates the UI, and returns the user to Step 1

# SUMMARY

## 1. NAVBAR

Use: Top navigation bar with a responsive menú

Classes: navbar, navbar-expand-lg, navbar-dark, bg-dark, navbar-brand, navbar-nav, navbar-link, navbar-toggler, navbar-toggler-icon, collapse, navbar-collapse

Location: Top of the page

Functionality: Collapsible menu for mobile devices

## 2. CONTAINER

Use: Main container that centers and limits the width of the content

Classes: container, text-center

Location: Wrapping the main content and inside the navbar

## 3. GRID SYSTEM

Use: Grid system to organize products in responsive rows and columns

Classes: row, g-3 (gap), col-12, col-md-6, col-lg-3

Location: In all product sections (Step 1)

Functionality: 4 columns on large screens, 2 on medium screens, 1 on mobile screens

## 4. CARDS

Use: Cards to display each product with image, name, description, and price

Classes: card, h-100, card-img-top, card-body, card-title, card-text

Location: Each product in Step 1

## 5. BUTTONS

Use: Buttons for actions (add to cart, step navigation, etc.)

Classes: btn, btn-primary, btn-secondary, btn-success, btn-sm, btn-outline-secondary, btn-outline-danger, btn-lg

## 6. BADGES

Use: Small labels to display cart information (items, total, discount)

Classes: badge, bg-primary, bg-secondary, bg-success

Location: Step 1, below the title

Functionality: Shows the cart summary in real time

## 7. TABLE

Use: Table to display cart content with products, quantities, prices, and actions

Classes: table, table-striped, table-responsive

Location: Step 2

Functionality: Shows all cart items with options to change quantity or remove items

## 8. ALERTS

Use: Informational messages (success, error, warning, information)

Classes: alert, alert-success, alert-danger, alert-warning, alert-info, d-none

## 9. FORMS

Use: Form to collect buyer information (Step 3)

Classes: form-label, form-control, invalid-feedback, is-invalid, mb-3

Location: Step 3

Fields: Full name, Email, Address, ZIP code, City, Country, Phone

Functionality: JavaScript validation with visual feedback

## 10. LIST GROUP

Use: List to display the product summary in Step 4

Classes: list-group, list-group-item, d-flex, justify-content-between, align-items-center

Location: Step 4, in the confirmation summary

Functionality: Shows each product with its quantity and subtotal

## 11. PROGRESS BAR

Use: Progress bar that shows the current step of the process

Classes: progress, progress-bar, progress-bar-striped, progress-bar-animated, bg-primary

Location: Above all steps

Functionality: Visually shows progress (25%, 50%, 75%, 100%) and descriptive text

## 12. COLLAPSE (the three stripes when you go to the pone view)

Use: Component to show/hide the navigation menu on mobile devices

Classes: collapse, navbar-collapse

Location: Inside the navbar

Functionality: The menu collapses on small screens

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## HOW I THOUGHT THE LOGIC AND MY JS:

- The donation process is divided into four steps.
- JavaScript shows and hides each step without reloading the page.
- Products added to the cart are stored in a simple list (array).
- The cart automatically updates when items are added or removed.
- A discount is applied automatically when enough items are added (3) and gone if you remove some.
- The form checks if the user entered valid information.
- At the end, a confirmation page shows the order summary. The user can restart the process without refreshing the page