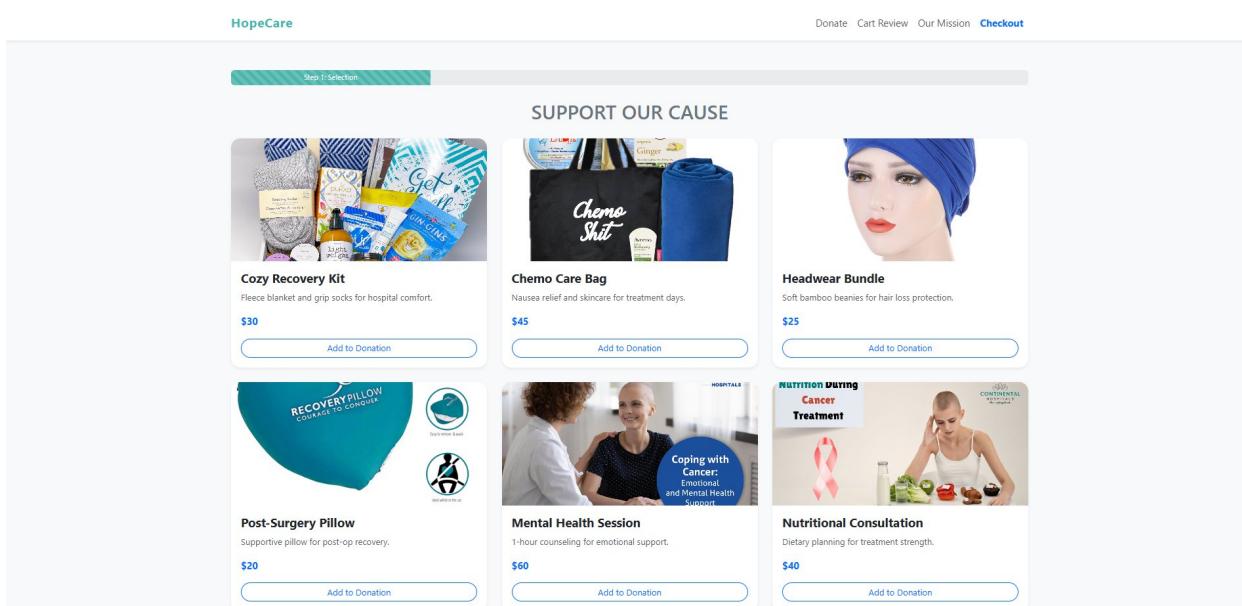


# Documentation.pdf



## Homepage:

- Responsive Product Gallery:** The gallery uses the **Bootstrap Grid System** and **Card components** to display 10 donation items, ensuring the layout remains organized and responsive across all devices.
- Mission Statement Modal:** The "Our Mission" tab triggers a **Bootstrap Modal**, allowing users to read about HopeCare's goals without leaving the page, fulfilling the single-page application requirement.
- Add to Cart Functionality:** A JavaScript function (`addToCart`) manages the selection process by pushing items into a global array and dynamically updating quantities if the item is already selected.
- Progress Tracking:** A **Bootstrap Progress Bar** is integrated at the top of the page to provide clear visual feedback, showing that the donor is currently at "Step 1: Selection".

The screenshot shows the 'Review Your Donation' page of the HopeCare website. At the top, a progress bar indicates 'Step 2: Review Cart'. The main content area displays a single item: 'Childcare Support' at '\$50 each', with a quantity selector set to '1'. To the right of the quantity are decrease (+), increase (-) buttons, and a 'Remove' link. Below this, the 'Subtotal: \$50.00' is shown. At the bottom left is a 'Back to Gallery' button, and at the bottom right is a green 'Continue to Details' button. A copyright notice at the bottom of the page reads '© 2024 HopeCare Cancer Foundation.'

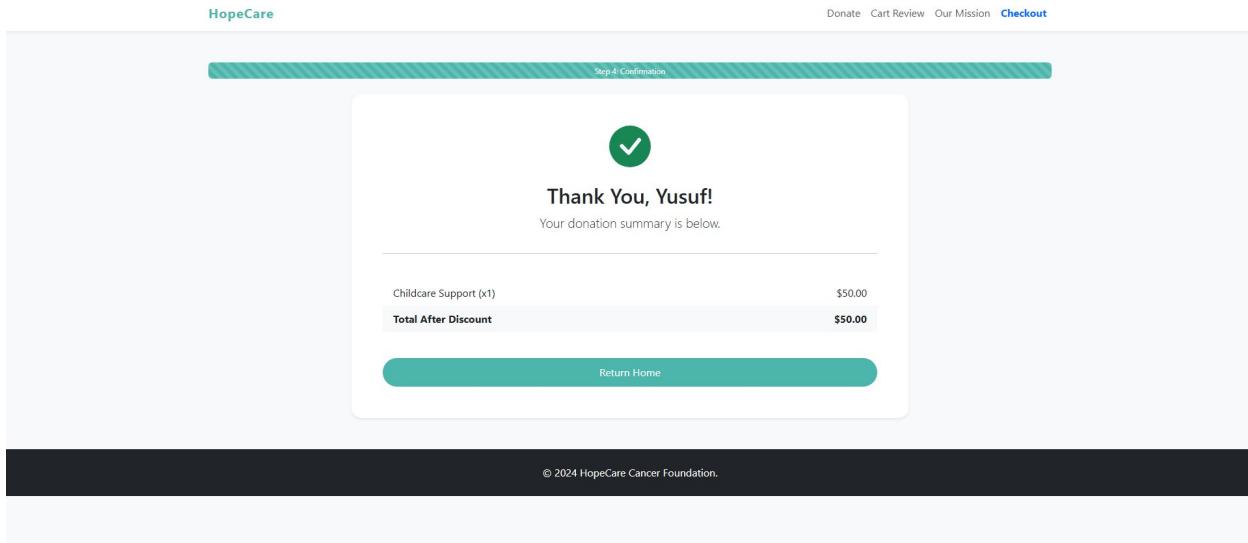
## Cartpage:

- **Dynamic Pricing and Discount Logic:** The cart automatically calculates a real-time subtotal based on the items selected. Following project requirements, a **15% discount** is automatically applied by JavaScript if the user selects **three or more** items/services, with the final price reflecting these savings before moving to checkout.
- **Live Quantity Management:** Users can adjust their donation directly on this page using the "+" and "-" buttons, which trigger JavaScript functions to increase or decrease item counts without a page reload.
- **Product Removal Function:** A "Remove" link is provided for each item, allowing users to completely delete a product from their list. This action immediately updates the global cart array and recalculates the total subtotal.
- **Navigation and State Persistence:** The "Back to Gallery" button allows users to return to Step 1 to add more items while their current selections are saved in the JavaScript state. The **Progress Bar** at the top updates to "Step 2: Review Cart" to provide clear orientation within the single-page application flow.

The screenshot shows a donation form titled "Step 2: Details". At the top, there's a navigation bar with links for "HopeCare", "Donate", "Cart Review", "Our Mission", and "Checkout". Below the navigation is a progress bar showing "Step 2: Details". The main form area is titled "Donor Information" and contains fields for First name, Last name, Email, Phone Number, Address, Country (with a dropdown menu labeled "Choose..."), and Zip Code. At the bottom of the form are two buttons: "Back to Cart" and "Complete Donation". A copyright notice at the very bottom of the page reads "© 2024 HopeCare Cancer Foundation."

## Detailspage:

- **Secure Information Capture:** The page uses a **Bootstrap Form** to collect necessary donor details, including name, email, phone number, and address.
- **European Localization:** The country selection is specifically tailored to European nations, and the **Postal Code** field replaces the standard Zip Code to align with regional standards.
- **Data Validation Logic:** JavaScript is used to ensure all information is realistic. It checks that the phone number contains only numbers and that the postal code does not exceed a set character limit.
- **User Error Feedback:** If a user enters invalid data (like letters in the phone section), the form utilizes **Bootstrap's validation states** to highlight errors and prevent submission until the information is corrected.
- **Step Progress:** The **Progress Bar** at the top automatically updates to "Step 3: Details," ensuring the donor knows exactly where they are in the four-step process.



## Checkoutpage:

- **A Friendly Finish:** Instead of just a boring "Order Complete" screen, I used JavaScript to pull the user's name from the form to say "Thank You, [Name]!". It makes the whole donation feel more personal and less like a computer transaction.
- **The Final Summary:** This is where the user sees their official receipt. It lists exactly what they picked and shows the total cost in a clean, easy-to-read way.
- **Applying the Discount:** Behind the scenes, the code checks the cart one last time. If there are 3 or more items, the "Price after discount" appears, showing the 15% savings we promised earlier.
- **Starting Over:** I added a "Return Home" button that resets the whole site. It clears out the cart and moves the progress bar back to Step 1 so the user can start a fresh donation if they want.

## Bootstrap Functions:

- **Grid System (container, row, col):** We used this to organize the product gallery and the forms, ensuring the website stays responsive and looks good on both mobile and desktop screens.
- **Cards:** Every donation item on the homepage is wrapped in a Bootstrap Card to give the products a clean, uniform look with a clear separation between images and text.
- **Modals:** We used these for the "Our Mission" section and the image zoom feature, allowing information to pop up over the current page without making the user navigate away.
- **Progress Bar:** This sits at the top of the page and updates its width and label dynamically to show exactly which step of the donation process the user is currently on.
- **Forms & Validation:** We used Bootstrap Form components for the donor details, utilizing built-in styles to highlight errors when information like the email or phone number is entered incorrectly.

## Product Image Sources:

#	Product Name	Source Link (Paste Link Below)
1	<b>Cozy Recovery Kit</b>	<a href="https://www.etsy.com/listing/1258570861/post-surgery-recovery-care-package">https://www.etsy.com/listing/1258570861/post-surgery-recovery-care-package</a>
2	<b>Chemo Care Bag</b>	<a href="https://www.justdontsendflowers.com/chemo-care-package-for-women-something-perfect/?revpage=2">https://www.justdontsendflowers.com/chemo-care-package-for-women-something-perfect/?revpage=2</a>
3	<b>Headwear Bundle</b>	<a href="https://www.shjune.net/product-p-968577.html">https://www.shjune.net/product-p-968577.html</a>
4	<b>Post-Surgery Pillow</b>	<a href="https://couragetoconquerancer.com/products/surgery-recovery-pillow-provides-comfort-post-surgical-relief">https://couragetoconquerancer.com/products/surgery-recovery-pillow-provides-comfort-post-surgical-relief</a>
5	<b>Mental Health Session</b>	<a href="https://www.shalby.org/coping-with-cancer-emotional-and-mental-health-support/">https://www.shalby.org/coping-with-cancer-emotional-and-mental-health-support/</a>
6	<b>Nutritional</b>	<a href="https://continentalhospitals.com/blog/-nutrition-during-cancer-treatment/">https://continentalhospitals.com/blog/-nutrition-during-cancer-treatment/</a>

	<b>Consultation</b>	
7	<b>In-Home Assistance</b>	<a href="https://getpalliativecare.org/all-about-home-based-palliative-care-and-how-it-can-help-you/">https://getpalliativecare.org/all-about-home-based-palliative-care-and-how-it-can-help-you/</a>
8	<b>Ride to Treatment</b>	<a href="https://www.facebook.com/groups/rflthurstoncountywa/posts/1967549730755148/">https://www.facebook.com/groups/rflthurstoncountywa/posts/1967549730755148/</a>
9	<b>Childcare Support</b>	<a href="https://www.instagram.com/p/DEQ4W4qzRwC/">https://www.instagram.com/p/DEQ4W4qzRwC/</a>
10	<b>Emergency Grant</b>	<a href="https://rallyfoundation.org/family-emergency-funds/">https://rallyfoundation.org/family-emergency-funds/</a>