

Experiment 2: Shopping Cart with Bootstrap

Objective

Enhance the UI of the shopping cart using Bootstrap for responsiveness.

Technologies Used

- HTML
- Bootstrap 5

Features

- Responsive grid and cards
- Navbar and styled buttons

Steps to Execute

1. Open `index.html` in your browser.
2. Resize the window to see responsive layout.

Folder Contents

- `index.html`: Bootstrap grid layout
- Bootstrap CDN included
- `style.css`: Additional custom styles

Experiment 2: Shopping Cart Application (Bootstrap) Folder Name (from image): Experiment-02_Shopping-cart-app_Boot... (assuming it's Experiment-02_Shopping-cart-app_Bootstrap)

Description (from document): "Make the above web application responsive web application using Bootstrap framework."

README.md for Experiment 2:

Markdown

Experiment 2: Responsive Shopping Cart Application (Bootstrap Framework)

This project builds upon the foundation of Experiment 1 by re-implementing the responsive web application for an e-commerce shopping cart, this time utilizing the **Bootstrap framework**. The goal is to demonstrate how Bootstrap's pre-built components and responsive grid system can significantly accelerate and simplify the development of mobile-first, responsive web interfaces for pages like Registration, Login, Product Catalog, and Shopping Cart.

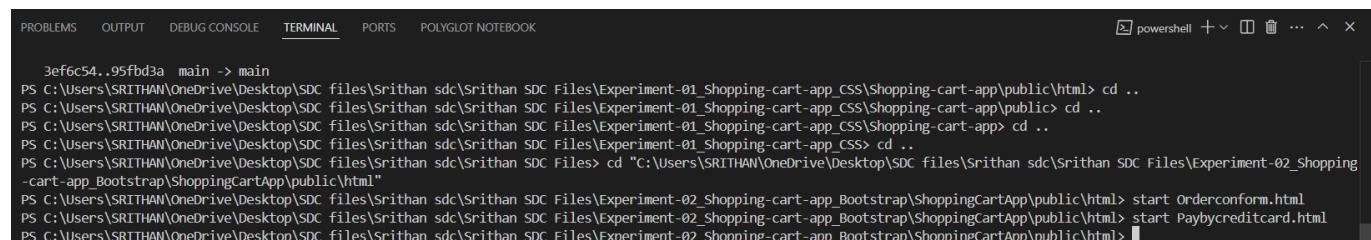
Features

- **Registration Page:** Styled with Bootstrap forms and layout.
- **Login Page:** Implemented using Bootstrap's form and grid components.
- **Product Catalog Page:** Displays products using Bootstrap cards and grid for responsive arrangement.
- **Shopping Cart Page:** Utilizes Bootstrap tables and utilities for displaying cart items.
- **Full Responsiveness:** Leverages Bootstrap's highly optimized grid system and utility classes to ensure a seamless experience across all device sizes (mobile, tablet, desktop).
- **Bootstrap Components:** Demonstrates usage of various Bootstrap components such as:
 - Navigation Bars
 - Forms and Form Controls
 - Buttons
 - Cards
 - Tables
 - Alerts (optional)
 - Responsive Utilities

Technologies Used

- HTML5
- CSS3
- Bootstrap 5 (or relevant version)
- JavaScript (for basic Bootstrap component functionality, e.g., navbar toggler)

Setup and Running



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POLYGLOT NOTEBOOK
powershell + × ⌂ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ×

3ef6c54..95fb3a main -> main
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS\shopping-cart-app\public\html> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS\shopping-cart-app\public> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS\shopping-cart-app> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files> cd "C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html"
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html> start Orderconform.html
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html> start Paybycreditcard.html
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html>
```

Order History

Shopping Cart | Home | Profile

Order ID	Items	Total Amount	Date
No orders found.			

Order History

Shopping Cart | Home | Profile

Order ID	Items	Total Amount	Date
No orders found.			



Payment By Credit
Card

Card Number:

XXXX-XXXX-XXXX-XXXX

Exp Date:

MM/YY

CVV:

XXX

Name on the Card:

Name of the card

Pay Cancel



```
To https://github.com/srithan123/Srithan-SDC-Files.git
 3ef6c54..95fb3a main -> main
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS\shopping-cart-app\public\html> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS\shopping-cart-app\public> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS\shopping-cart-app> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-01_Shopping-cart-app_CSS> cd ..
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files> cd "C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html"
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html> start Orderconform.html
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html> start Paybycreditcard.html
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html> git push origin main
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (9/9), 365.31 KiB | 26.09 MiB/s, done.
Total 9 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/srithan123/Srithan-SDC-Files.git
 95fb3a..b57293f main -> main
PS C:\Users\SRITHAN\OneDrive\Desktop\SDC files\Srithan sdc\Srithan SDC Files\Experiment-02_Shopping-cart-app_Bootstrap\ShoppingCartApp\public\html>
```

1. Clone the Repository (or download the project files):

```
git clone [https://github.com/your-username/Experiment-02_Shopping-cart-app_Bootstrap.git](https://github.com/your-username/Experiment-02_Shopping-cart-app_Bootstrap.git)
cd Experiment-02_Shopping-cart-app_Bootstrap
```

2. Ensure Bootstrap Inclusion:

- Verify that the `index.html` (and other HTML pages) correctly link to Bootstrap's CSS and JavaScript files (either via CDN or local files).
 - **CDN (Recommended for quick setup):**

```
<link href="
[https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css]
(https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css)" rel="stylesheet">
<script src="
[https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js]
(https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js)"></script>
```

3. Open in Browser:

- Navigate to the project directory.
- Open `index.html` (or `registration.html`, `login.html`, `catalog.html`, `cart.html` directly) in your preferred web browser.
- **No server is required** as this is a purely frontend application.

Project Structure

```
. └── css/ └── custom.css # Optional: For minor overrides or additional styles └── js/ # Optional: For custom JavaScript or Bootstrap's JS if not using CDN └── images/ # Optional: directory for product images, logos etc. └── registration.html # Registration page (Bootstrap styled) └── login.html # Login page
```

(Bootstrap styled) └── catalog.html # Product catalog page (Bootstrap styled) └── cart.html # Shopping cart page (Bootstrap styled) └── README.md