**Project Documentation for your Diamond Emporium ecommerce website.**

**Project Overview**

**Diamond Emporium** is a fully responsive ecommerce website designed to showcase and sell luxurious diamond jewelry, including rings, necklaces, earrings, and bracelets. The site is built using **HTML**, **CSS**, **Bootstrap**, and **JavaScript** to provide a sleek, interactive user experience with mobile-first design and modern features.

**🔧 Technologies Used**

| **Technology** | **Purpose** |
| --- | --- |
| HTML5 | Markup structure |
| CSS3 | Styling & layout |
| Bootstrap 5 | Responsive design & components |
| JavaScript | Interactivity (cart, forms) |
| Git/GitHub | Version control & code hosting |
| Netlify / GitHub Pages | Deployment |

**🧩 Features**

* **Responsive Design** – Looks great on mobile, tablet, and desktop.
* **Add to Cart Functionality** – Dynamic cart counter using JavaScript.
* **Contact Form** – Validated form with confirmation message.
* **High-quality Product Images** – Hosted via Unsplash for fast, reliable delivery.
* **Simple Navigation** – Clean and intuitive user flow.

**Project Structure**

diamond-emporium/

├── index.html # Main homepage

├── style.css # Custom styles

├── /images # (If using local images)

├── /js # JavaScript functionality (optional separate file)

**Deployment**

**Option 1: GitHub Pages**

1. Push your project to a GitHub repository.
2. Go to Settings > Pages.
3. Select main branch and /root directory.
4. Your site will be live at https://your-username.github.io/diamond-emporium/.

**Option 2: Netlify**

1. Login to [Netlify](https://www.netlify.com/).
2. Click **Add new site > Import from Git**.
3. Connect your GitHub repo and deploy.

**How to Use**

1. **Visit the Homepage**
   * Browse featured products in a clean grid layout.
2. **Click "Add to Cart"**
   * Updates the cart counter in real-time using JavaScript.
3. **Fill out the Contact Form**
   * Submits a thank-you message (no backend needed).

**Future Improvements**

* Connect to a backend (Node.js + MongoDB) for full functionality.
* Implement user authentication and payment processing.
* Add product filtering, sorting, and search.