Report On ElectroNysd Web App

ELECTRONYSD (GROUP 11)

A Group Of ICT University Student With Aim Of Building a E-Commerce & Learning Web app Especially For Youths Interested In Self Improving Their Skill In Robotics, Electronics And In IOT.

ELECTRONYSD ****

**AUTHORS AND PATICIPATION PERCENTAGE**

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**Website Report for ELECTRONYSD**

**Introduction**

This report details the features and functionality of our business website, which specializes in selling electronic goods, including motors, cameras, and other related products. The website is designed to provide users with a seamless shopping experience, offering essential pages for navigation and user interaction.

**Website Overview**

Our website serves as an online platform where customers can browse, select, and purchase a variety of electronic goods. The design focuses on user-friendliness and accessibility, ensuring that visitors can find what they need quickly and efficiently.

**Key Pages**

The website consists of the following key pages:

1. **Home Page**
   * The landing page of the website, showcasing featured products, promotions, and easy navigation to other sections. It serves as the first point of interaction for visitors.
2. **Cart Page**
   * This page displays the items that users have added to their shopping cart. It allows customers to review their selections, adjust quantities, and proceed to checkout.
3. **Service Page**
   * Provides information about the services offered by the business, including product support, warranty details, and customer assistance.
4. **Contact Page**
   * A dedicated page for customer inquiries, featuring a contact form, phone numbers, and email addresses. This ensures that customers can easily reach out for support or questions.
5. **Login Page**
   * A secure area for returning customers to log into their accounts. This page ensures that user information is protected while allowing easy access to user profiles.
6. **Sign-Up Page**
   * Allows new customers to create an account on the website. This page collects essential information such as name, email, and password to facilitate future logins and personalized experiences.
7. **About Page**
   * Shares the story of the business, its mission, and values. This page helps build trust with customers by providing insights into the company’s background and commitment to quality.
8. **Chat-bot**
   * Here constitute of self respond bot which will help user on making decision on which product to choice and help the build what they want (Free service for all logged in user).

**Methodology**

**Tools used**

1. HTML(HYPERTEXT MARKUP LANGUAGE): It is the standard markup language used for creating and structuring web pages and web applications
2. CSS(Cascading Style Sheets): It is a stylesheet language used for describing the presentation and visual appearance of a web page written in HTML
3. PYTHON and Django: Python is a popular high level, general-purpose programming language known for its clear syntax and code readability. Django is a free, open-source, and high-level python web frame work that enables rapid development of secure and maintainable websites and web applications

**Features and Functionality**

* **User-Friendly Interface:** The website is designed with a clean, intuitive layout to enhance user experience.
* **Responsive Design:** The site is mobile-friendly, ensuring that it can be accessed on various devices without compromising usability.
* **Secure Login and Sign-Up:** Customer data is protected through secure authentication methods, building trust and encouraging user engagement.
* **Efficient Checkout Process:** Streamlined checkout procedures minimize the steps required to complete a purchase, improving conversion rates.
* **Customer Support:** Accessible contact information and service details help customers feel supported throughout their shopping experience.

**Conclusion**

The business website is an essential tool for reaching customers and facilitating sales of electronic goods. With its user-friendly design and essential features, the website aims to provide an enjoyable and efficient shopping experience. Continuous improvements and updates will ensure that the site remains relevant and responsive to customer needs.