**ICT PROJECT PHASE 02**

*Software Engineering Basics*

**Task 3: Project Requirements**

"Discover a seamless shopping experience like never before! Our website combines user-friendly navigation, a visually appealing interface, and a wide array of products, ensuring you enjoy a hassle-free and delightful shopping journey. Find what you love effortlessly, shop with confidence, and elevate your online shopping experience with us!"

1. **Features and Functionalities:**
2. **User-friendly Interface:**

* Intuitive navigation and clean design for a seamless browsing experience.
* Clear categorization and search functionality to help users find products easily.

1. **Product Catalog:**

* A comprehensive and well-organized catalog with high-quality images and detailed product descriptions.
* Filters and sorting options for refining search results based on price, brand, size, etc.

1. **Secure Checkout Process:**

* SSL encryption and secure payment gateways to ensure the safety of users' personal and financial information.

1. **Account Management:**
   * User accounts for personalized experiences, order tracking, and managing preferences.
   * Guest checkout option for users who prefer not to create an account.
2. **Payment Options:**
   * Multiple payment methods, including credit/debit cards, digital wallets, and other secure options.
3. **Shipping and Tracking:**

* Transparent shipping policies with estimated delivery times.
* Order tracking functionality to allow users to monitor the status of their shipments in real-time.

1. **Promotions and Discounts:**

* Regularly updated promotions, discounts, and loyalty programs to enhance user engagement.

1. **Returns and Refunds:**

* Clearly communicated return policies and a streamlined process for returns and refunds.

1. **Site Performance:**
   * Fast loading times and minimal downtime to ensure a smooth shopping experience.
2. **Accessibility:**
   * Compliance with accessibility standards to make the website usable for people with disabilities.
3. **Multilingual Support:**
   * Support for multiple languages to cater to a diverse user base.

* **Technical Constraints and Considerations:**
* **Loading Speed**: - Optimize images and code for fast loading times.
* **Legal Compliance**: - Comply with data protection laws and regulations
* **Mobile Responsiveness**: - The website works seamlessly on various devices.
* **Cross-Browser Compatibility**: - Compatibility with major browsers.
* **Scalability**: Our website effortlessly scales for increased traffic without sacrificing performance.

**Task 4: Create User Stories**

Here is an example given below:

1. **Athlete Registration and Login:**
   * As a sports enthusiast, I will create an account on the website to personalize my experience, save my gear preferences, and easily track my sports equipment orders.
   * As a registered athlete, I will log in with my credentials to access my account, manage preferences, and review my order history.
2. **Sports Gear Browsing and Searching:**
   * As a sports shopper, I will explore sporting goods by categories (e.g., sport type, brand, and price) for a quick and efficient shopping experience.
   * Using the search bar, I will find specific sports items by keywords to locate the gear I need for my favorite activities.
3. **Product Details for Sports Gear:**

* As a sports enthusiast, I will delve into detailed information about a specific sports product, including high-quality images, comprehensive descriptions, pricing details, and customer reviews for well-informed decision-making.

1. **Adding to Cart:**
   * As a sports shopper, I will effortlessly add sports gear to my shopping cart with a single click, allowing me to manage my selections conveniently before proceeding to checkout.
2. **Shopping Cart Management:**
   * As a sports enthusiast, I will efficiently view and edit items in my shopping cart, including updating quantities and removing items as needed.
3. **Checkout Process:**
   * During the secure checkout process, I will provide my shipping details and select a payment method, ensuring a simple and hassle-free experience.
   * After successfully placing an order, I will receive a confirmation email, providing peace of mind and order verification.
4. **User Account Management:**
   * As a registered athlete, I will easily update my profile information, including my shipping address and contact details.
   * Accessing my account, I can view my order history and track the status of my current sports gear orders.
5. **Payment Processing:**
   * As a sports shopper, I will securely enter my payment information during the checkout process, with a summary of my order, including itemized costs and any applicable taxes or shipping fees.
6. **Wish list:**
   * I can add sports gear to my wish list, saving items for future consideration, and as a registered user, I can effortlessly view and manage my wish list.
7. **Reviews and Ratings:**
   * As a sports enthusiast, I will read reviews and ratings for sports gear to make informed purchasing decisions. Additionally, as a registered user, I can contribute by leaving reviews and ratings for sports gear I've personally experienced.