**Assignment**

**1. Major Features for the E-commerce Portal**

**Customer Portal Features:**

1. Product Search: Allows users to search and filter sports equipment by category, brand, price, and rating.
2. Product Details and Reviews: Detailed product descriptions, images, and user reviews for informed decisions.
3. Add to Cart and Wishlist: Options to add items to the cart for purchase or save for later in a list.
4. Order Tracking and History: Customers can view order status and track delivery.
5. Customer Support and Returns: Access to customer service, and a returns process.

**Vendor Portal Features:**

1. Vendor Registration and Profile Setup: Easy registration with options to provide business details, upload necessary documents, and set up a profile.
2. Product Management: Easy to add, edit, and delete product listings, including uploading images and setting prices.
3. Inventory and Order Management: Real-time inventory tracking and order management, including alerts for low stock and tracking orders.
4. Sales Analytics and Reports: Insights into sales performance, customer preferences, and inventory levels.
5. Payment and Transaction History: Overview of payments received and pending, along with transaction history and payout requests.

**2. User Journey for Customer Onboarding and Vendor Onboarding**

**Customer Onboarding:**

1. Account Creation: User registers by providing basic information (name, email, password). Option to sign up via social media or Google account for convenience.
2. Profile Setup: Customer sets up a profile, including optional details like delivery address and preferred payment method.
3. Browsing and Adding to Cart: Users browse products, add items to the cart, and proceed to checkout.
4. Payment and Order Confirmation: User completes payment and receives an order confirmation with tracking details.
5. Post-Purchase Support: Access to order history, order tracking, and customer support for any issues.

**Vendor Onboarding:**

1. Vendor Registration: Vendor registers by providing business details (name, email, phone, business license). Vendor uploads required documents for verification.
2. Profile Verification: Platform reviews and verifies vendor information, providing approval or requesting additional information if needed.
3. Product Listing and Setup: Vendor sets up products by uploading images, descriptions, pricing, and stock levels.
4. Inventory and Order Setup: Vendor configures inventory tracking and order fulfillment settings (e.g., shipping methods).
5. Go-Live and Analytics: Once approved, products are live on the platform, and the vendor can monitor sales and track analytics.

These are the few steps which I think will help ensure both a smooth experience for customers and an efficient onboarding process for vendors.