**Process Flow Diagram for E-commerce Application**

This diagram shows the core stages involved in an E-commerce application, showcasing the customer journey from registration to order fulfilment. Each step in the process is represented with clear decision points and actions to ensure a smooth experience for the user.

**Key Stages in the Process Flow:**

1. **User Registration/Login:**
   * Customers either sign up for an account or log in to their existing profile to access the platform
2. **Product Browsing:**
   * After login, customers can browse various product categories and apply filters to refine their search
3. **Product Selection:**
   * Users can select products, view detailed descriptions, and compare items before deciding to purchase
4. **Adding to Cart:**
   * Once a product is selected, customers add it to their shopping cart for checkout
   * Option to continue shopping or proceed to checkout
5. **Checkout and Payment:**
   * Customers review their cart, select delivery options, and provide shipping information
   * The system redirects them to the payment gateway where they can choose the payment method and complete the transaction
   * Decision point: Payment success or failure
6. **Order Confirmation:**
   * After successful payment, the system generates an order confirmation and sends an email or SMS notification to the customer.
7. **Shipment and Delivery Tracking:**
   * Customers can track the status of their shipment through the app or website
   * Decision point: Delivered or pending
8. **Post-Delivery Services:**
   * The customer can leave feedback or initiate a return/refund process in case of dissatisfaction

**Diagram Link**

[Process flow diagram of Ecommerce](https://lucid.app/lucidchart/aa564425-46e8-4681-9ae5-0a75d9a0c036/edit?invitationId=inv_79e64024-edf0-4716-9f3d-02376cee9fdf)

**Conclusion:**

This process flow aims to streamline the customer experience and ensure operational efficiency at each stage, providing insights into the E-commerce platform’s usability and functionality