Use Case Testing

Use Case Testing is a test design technique where test scenarios are derived from business use cases or user stories. It focuses on realistic user actions and ensures the system behaves correctly in typical workflows.

Where it is used:

- End-to-end workflows in web applications
- E-commerce purchase process
- Login and account management
- Multi-step business processes

Practical Example: E-commerce Purchase Workflow

Website: [Rozetka.com.ua — Shopping Cart]

User – Use Case Steps

- User logs in
- Searches for a product
- Adds the product to the cart
- Proceeds to checkout
- Completes payment
- Receives order confirmation

Admin – Use Case Steps

- Admin logs in
- Views new orders
- Approves or rejects orders
- Updates inventory (adds, edits, or removes products)
- Monitors stock levels
- Views sales and activity reports

PaymentSystem – Use Case Steps

1. Receives payment request from the system
2. Validates payment details
3. Processes the transaction
4. Confirms or rejects the payment
5. Sends payment status back to the system