

State Table Testing

State Table Testing models systems where behavior depends on the current state and events. It verifies that all transitions are handled correctly.

Where it is used:

- Shopping carts
- User account states
- Payment or order workflows

Practical Example: Online Store Order Process

States:

- New Order
- Payment Pending
- Paid
- Shipped
- Cancelled

Events:

- Make Payment
- Ship Order
- Cancel Order

State Diagram:

