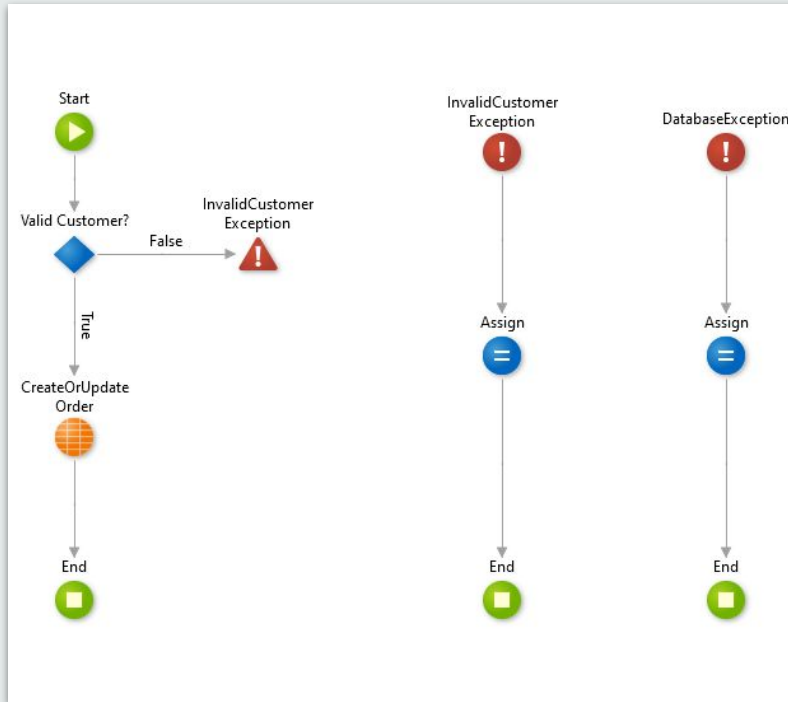# Exceptions

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Raising Exceptions

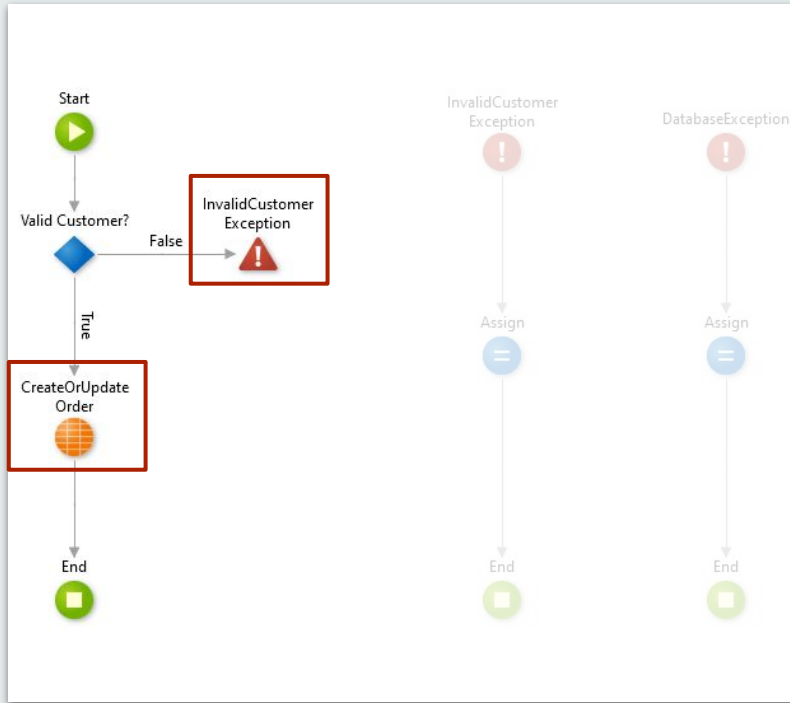Exception Handler Flows

Global Exception Handler

# ⚠️ ⚠️ Raising Exceptions



- An **Exception** is thrown when an operation fails unexpectedly at runtime

- An Exception causes an **interruption in the execution** of the flow
  - Execution is moved to an Exception Handler flow
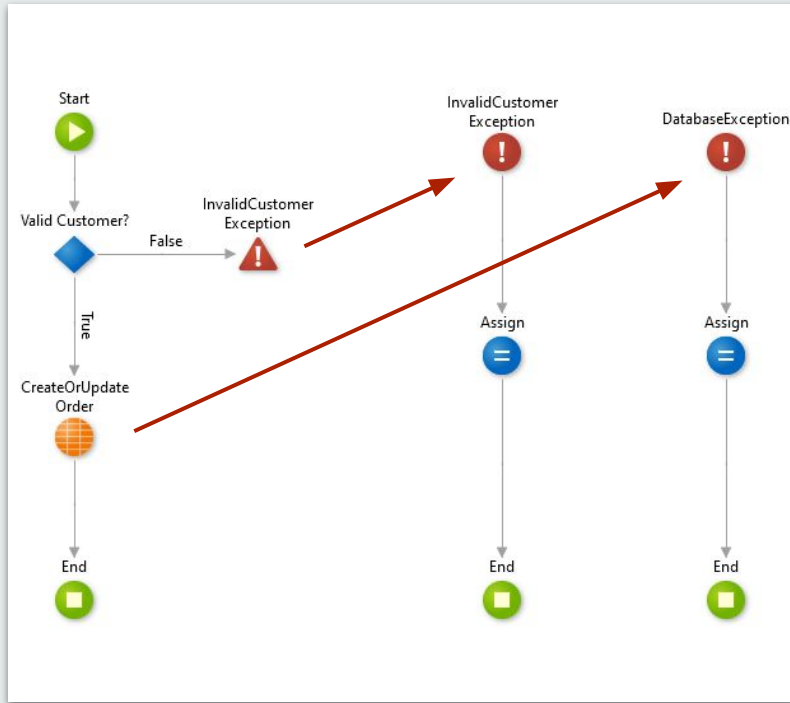  - Execution does not return to the original flow

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# ⚠️ ⚠️ **Raising Exceptions**



- An Exception can be raised
  - Automatically (e.g. Database Exception)
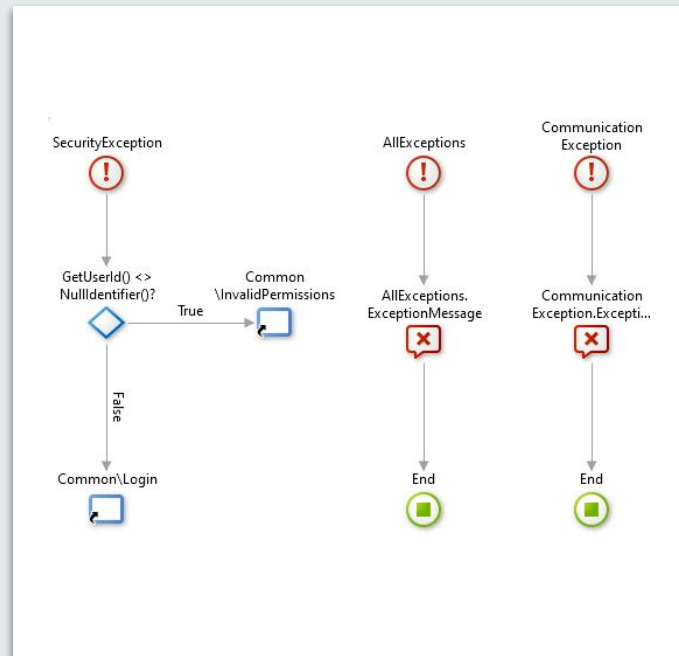  - Explicitly (Raise Exception)

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# ⚠ ⚠ Exception Handler



- When an Exception is Raised
  - Execution is moved to the handler **most specific to the Exception** thrown
  - Execution continues through that handler flow

- An Action flow can have several exception handler flows
  - Database Exceptions
  - Security Exceptions
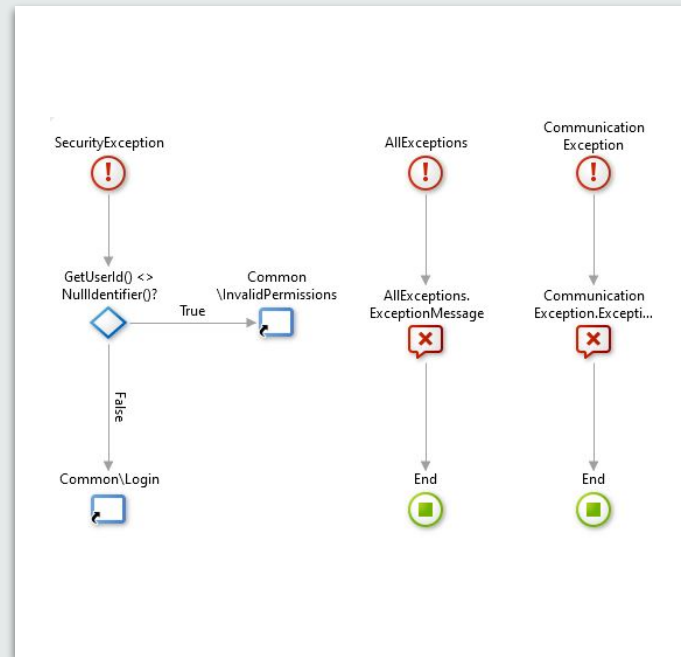  - Communication Exceptions
  - Custom User Exceptions

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# ⚡ ⚡ **Global Exception Handler**



- If a handler doesn't exist in the current execution context:
  - Runtime *bubbles-up* to check any outer contexts until a matching handler is found

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# Global Exception Handler

- Module Global Exception Handler
  - Located in the Common UI Flow (default)
  - At most one per module
  - Highest possible level to bubble-up
  - **Should handle All Exceptions**

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# Questions?

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# Thank you

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