Clean Code: Writing Code for Humans

Demo

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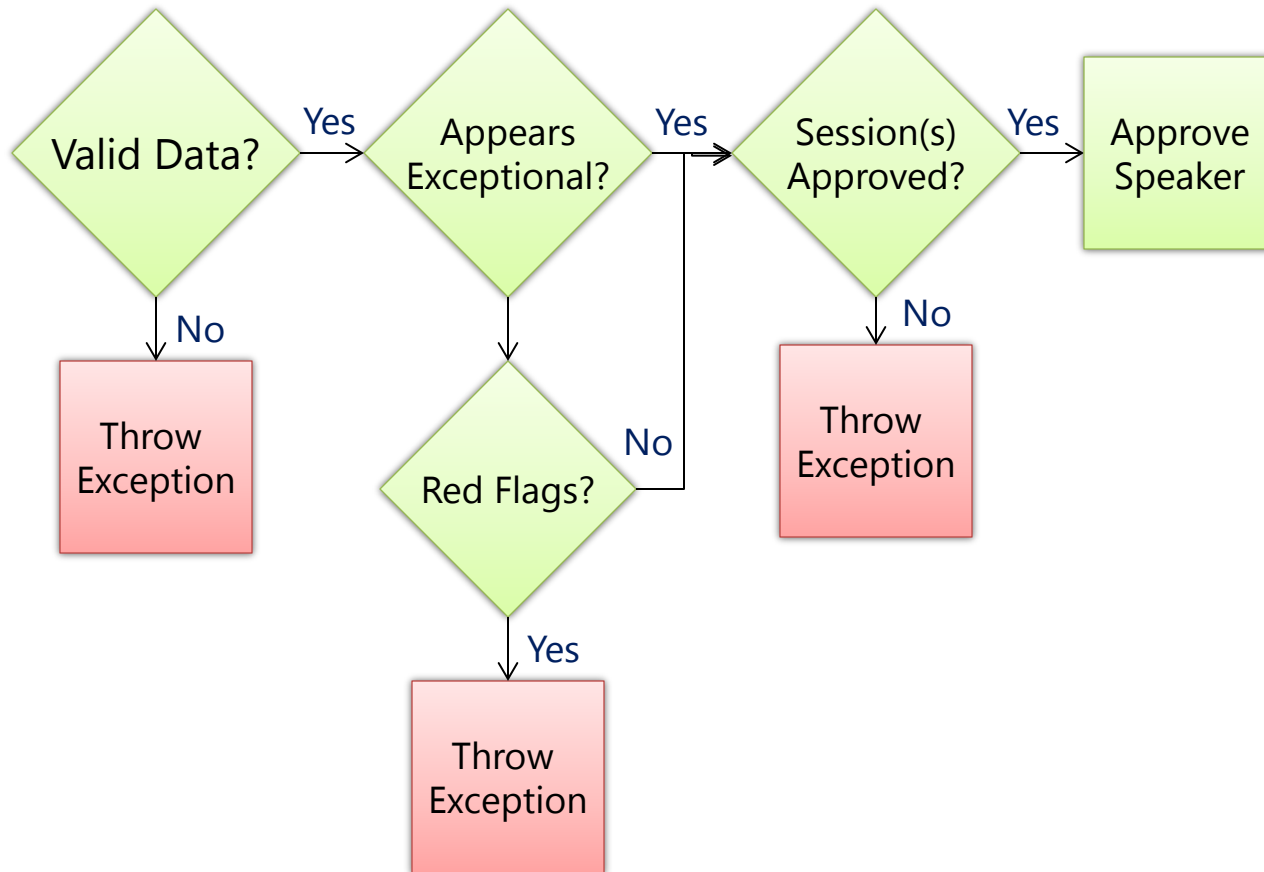
pluralsight
hardcore developer training

Agenda

- **Refactor application**
  - Code Luau Speaker Registration
- **Utilize clean code principles**
- **Compare metrics**

Register Speaker – Business Logic

The Outline Rule

Typical Class

- **Class**
  - Method 1
    - Method 1a
      - Method 1ai
      - Method 1aii
      - Method 1aiii
    - Method 1b
    - Method 1c

Strive for this

- **Class**
  - Method 1
    - Method 1a
      - Method 1ai
      - Method 1bii
    - Method 1b
    - Method 1c
  - Method 2
    - Method 2a
    - Method 2b
  - Method 3
    - Method 3a
    - Method 3b

Bug Hunting: What a contrast!

- **Speaker**
  - Register

- **Speaker**
  - Register
    - Validate Registration
      - Validate Data
      - Check if speaker appears qualified
        - Appears Exceptional
        - Obvious Red Flags
      - Approve Sessions
        - Session is about old tech
    - Save Speaker

Summary

- **Long, run-on method -> multiple well named methods**
- **Unclear intent -> Clear intent in code**
- **Signal to noise ratio: Low -> High**
  - Terse
  - Expressive
  - Does one thing