

# TEST CASE DESIGN TECHNIQUE

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## Test case Design Technique

Following are the typical design techniques in software engineering:

1. Deriving test cases directly from a requirement specification or black box test design technique. The Techniques include:

- **Boundary Value Analysis *BVA***
- **Equivalence Partitioning *EP***
- **Decision Table Testing**
- **State Transition Diagrams**
- **Use Case Testing**

2. Deriving test cases directly from the structure of a component or system:

- **Statement Coverage**
- **Branch Coverage**
- **Path Coverage**
- **LCSAJ Testing**

3. Deriving test cases based on tester's experience on similar systems or testers intuition:

- **Error Guessing**
- **Exploratory Testing**

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