Test

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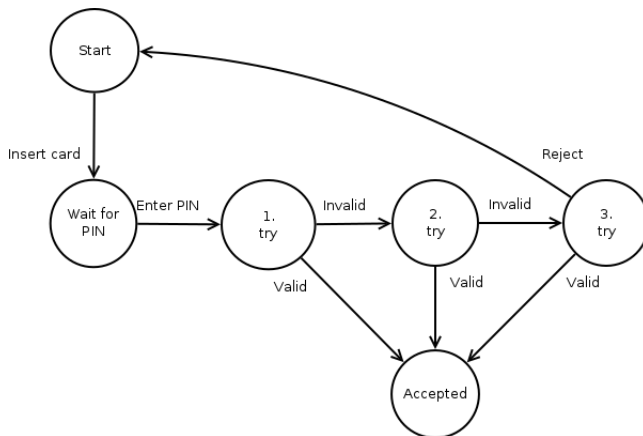
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Overview

1. Q 2.4: State-based testing

State-Based Testing

- State transition table or diagram.
- A finite set of states with transitions between them.
- When action of an event depends on the current state.

State-Based Testing

- State
- Event
- Action

Example

Test cases

Every state and transition criteria.

1. Note a starting and end state.
2. Write a sequence of events that leads to the end state.
3. Mark each covered state and transition.
4. Repeat until every state and transition are marked.

The End

"Testing shows the presence, not the absence of bugs."
— Edsger W. Dijkstra