

# Specification Based Testing – Part 1

## Testing Asynchronous Events

# Objective

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Test  
asynchronous  
events

# External Events



| An occurrence in the real world important to the system

| Normally characterized as messages between an actor and the system

# Time Lines



- | **Used to model asynchronous events**

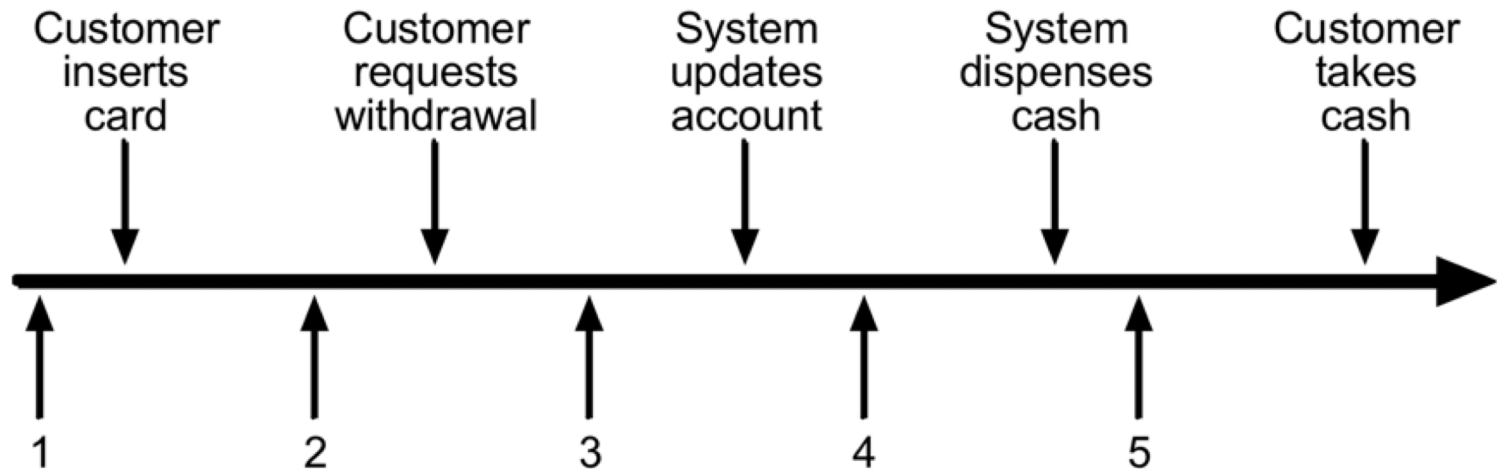
- | **First step involves identifying significant use-case activities and placing them on a line in which time progresses from left to right**

- | **Tests can be generated corresponding to the occurrence of asynchronous event along the time-line**

# Example ATM - Timeline

Significant use-case activities can be placed on a time-line to assess the impact of asynchronous events

Tests can be generated corresponding to the occurrence of the event along the time-line



# Summary

