

Quality Attributes Tactics Scenarios

Modifiability Scenario: Add Train Station Locator/Map Nearest You

- ◆ Source: Developer
- ◆ Stimulus: Wishes to add new component for Train Station Locator
- ◆ Artifact: train-locator jar files
- ◆ Environment: At design time
- ◆ Response: Modification is made without side effects or impact to other components
- ◆ Response Measure: In 3 days
- ◆ Tactics: Reduce Coupling

Security Scenario: Suspicious actors are prevented from accessing customer data

- ◆ Source: Unauthorized user
- ◆ Stimulus: Tries to access data
- ◆ Artifact: System service
- ◆ Environment: Online
- ◆ Response: Blocks access
- ◆ Response Measure: Logs the attempted attack. Website continue to be available

Usability Scenario: Customer order a train ticket

- ◆ Source: Customer
- ◆ Stimulus: Orders a train ticket
- ◆ Artifact: Issued Ticket
- ◆ Environment: Train Ticketing System
- ◆ Response: Process payment and issue a ticket
- ◆ Response Measure: Customer is able to successfully order a train ticket

Performance Scenario: Multiple customers order tickets at peak time

- ◆ Source: Customers
- ◆ Stimulus: Multiple train ticket orders are submitted at the same time
- ◆ Artifact: Issued Tickets
- ◆ Environment: Train Ticketing System
- ◆ Response: Process payment and issue a ticket
- ◆ Response Measure: All customers are able order tickets within 3 seconds