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| **Title of scenario:** Freedom when drawing shapes  **SAMPLE** | | **ID:** QAS1 | **Version:** 1 |
| **Last Changed:** 11/22/2008 |
| **Quality attribute:** Usability | | **Characterization ID:** QA2 | |
| **Describe stakeholder role proposing the description:** End user, Customer and Maintainer | | | |
| Source(s) of the stimulus | Architect | | |
| Stimulus | Need for the tool to allow architects to concentrate on creating the architectural representation without worrying about restrictions imposed by the tool. | | |
| Relevant environmental conditions | When the architect is creating the design. | | |
| Architectural elements | The drawing canvas and shape palette subsystems of the tool. | | |
| System response | The system should not make any inputs as required when an element is added to the canvas. | | |
| Response measure(s) | The architect shouldn’t be forced to do things in a particular sequence or limited in the number or types of elements in a perspective. | | |
| Associated risks | There might be some restrictions imposed by elements that are part of a UML palette. There might be some difficulty in determining which restrictions are reasonable without restricting flexibility. | | |

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| **Title of scenario:** Sale product when database at Head Office crash | | **ID:** QAS1 | **Version:** 1.1 |
| **Last Changed:** 04/07/2012 |
| **Quality attribute:** Availability | | **Characterization ID:** QA2 | |
| **Describe stakeholder role proposing the description:** Cashier | | | |
| Source(s) of the stimulus | End user | | |
| Stimulus | Send a request to get product information | | |
| Relevant environmental conditions | When the database in the Head Office has been crash. | | |
| Architectural elements | System and the information in the system | | |
| System response | The system get information in backup database and response to client | | |
| Response measure(s) | Response within 5 second | | |
| Associated risks |  | | |

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| **Title of scenario:** Save Bill to the database | | **ID:** QAS2 | **Version:** 1.1 |
| **Last Changed:** 04/07/2012 |
| **Quality attribute:** Performance | | **Characterization ID:** QA1 | |
| **Describe stakeholder role proposing the description:** Cashier | | | |
| Source(s) of the stimulus | End user | | |
| Stimulus | Send a request to save bill to the system | | |
| Relevant environmental conditions | When the system operation normally. | | |
| Architectural elements | System and the information in the system | | |
| System response | The system save information in primary database and response to client save bill success | | |
| Response measure(s) | Response within 5 second | | |
| Associated risks |  | | |

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| **Title of scenario:** Save Bill to the database | | **ID:** QAS3 | **Version:** 1.1 |
| **Last Changed:** 04/07/2012 |
| **Quality attribute:** Performance | | **Characterization ID:** QA2 | |
| **Describe stakeholder role proposing the description:** Manager | | | |
| Source(s) of the stimulus | End user | | |
| Stimulus | Send a request to statistic bill | | |
| Relevant environmental conditions | When the system operation normally. | | |
| Architectural elements | System and the information in the system | | |
| System response | The system get information in primary database and response to client | | |
| Response measure(s) | Response within 10 second | | |
| Associated risks |  | | |

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| **Title of scenario:** Scan member Loyal | | **ID:** QAS4 | **Version:** 1.1 |
| **Last Changed:** 04/07/2012 |
| **Quality attribute:** Performance | | **Characterization ID:** QA2 | |
| **Describe stakeholder role proposing the description:** Cashier | | | |
| Source(s) of the stimulus | End user | | |
| Stimulus | Send a request to get member loyal information | | |
| Relevant environmental conditions | When the system operation normally. | | |
| Architectural elements | System and the information in the system | | |
| System response | The system get information in primary database and response to client | | |
| Response measure(s) | Response within 3 second | | |
| Associated risks |  | | |

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| **Title of scenario:** Block unauthorized access | | **ID:** QAS5 | **Version:** 1.1 |
| **Last Changed:** 04/07/2012 |
| **Quality attribute:** Security | | **Characterization ID:** QA1 | |
| **Describe stakeholder role proposing the description:** Cashier, manager, staff | | | |
| Source(s) of the stimulus | unknown identity | | |
| Stimulus | Try to access the system illegitimacy | | |
| Relevant environmental conditions | When the system operation normally. | | |
| Architectural elements | System and the information in the system | | |
| System response | The system block this request | | |
| Response measure(s) |  | | |
| Associated risks |  | | |

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| **Title of scenario:** Authority | | **ID:** QAS5 | **Version:** 1.1 |
| **Last Changed:** 04/07/2012 |
| **Quality attribute:** Security | | **Characterization ID:** QA1 | |
| **Describe stakeholder role proposing the description:** Cashier, manager, staff | | | |
| Source(s) of the stimulus | End user | | |
| Stimulus | Login in to the system | | |
| Relevant environmental conditions | When the system operation normally. | | |
| Architectural elements | System and the information in the system | | |
| System response | The system authorization for users by account type | | |
| Response measure(s) |  | | |
| Associated risks |  | | |