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| Quality Attributes Scenario |
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| ProFinder |

Quality Attributes Scenario

ProFinder

1. Portability scenario:

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| --- | --- |
| Source of stimulus | End user |
| Stimulus | Tries to use different platforms |
| Artifact | System |
| Environment | Normal mode; overload mode |
| Response | Correct access to system data |
| Response measure | Data loss, correct data is provided |

1. Availability scenario:

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| --- | --- |
| Source of stimulus | Internal for system |
| Stimulus | Crash |
| Artifact | Storages, processors |
| Environment | Normal operation |
| Response | System should detect event and do one or more of the following:   1. Record it 2. Notify appropriate parties, including the user and other systems 3. Disable sources of events that cause fault or failure according to defined rules 4. continue to operate in normal or degraded mode |
| Response measure | Repair time  Availability time |

1. Usability scenario:

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| --- | --- |
| Source of stimulus | End user |
| Stimulus | Minimize impact of errors |
| Artifact | System |
| Environment | Runtime |
| Response | Wishes to cancel current operation |
| Response measure | Cancellation takes less than one second |

1. Security scenario:

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| --- | --- |
| Source of stimulus | Correctly identified individual |
| Stimulus | Tries to modify information |
| Artifact | Data within system |
| Environment | Normal operation |
| Response | System maintains audit trail |
| Response measure | Correct data is restored |

1. Modifiability scenario:

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| --- | --- |
| Source of stimulus | developer |
| Stimulus | Wishes to add functionality |
| Artifact | UI, platform, environment |
| Environment | Runtime, compile time |
| Response | Locate places in architecture to be modified |
| Response measure | Cost in terms of numbers of elements affected, effort, money |

1. Performance scenario:

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| --- | --- |
| Source of stimulus | One of a number of independent sources |
| Stimulus | Periodic events arrive |
| Artifact | System |
| Environment | Normal mode |
| Response | Processes stimuli |
| Response measure | Latency, deadline |