Test Evidence Reference – Open Days Tracking

This document maps each functional and non-functional requirement to concrete proof of testing activity. Each entry references a screenshot or code snippet showing the implemented test or result. Screenshots and test evidence should be attached or inserted corresponding to the figure numbers below.

# 8.1 Functional Requirements Test Evidence

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| FR ID | Test Case ID | Description | Evidence Reference |
| FR3.2.1 | TC-FR3.2.1-001 | Travel data successfully retrieved and shown | Fig. 1 – Unit Test: TravelServiceTest.java |
| FR3.2.2 | TC-FR3.2.2-001 | Past Open Day without bookings → 'unused' | Fig. 2 – Angular Component Test Screenshot |
| FR3.2.2 | TC-FR3.2.2-003 | Past Open Day with booking not marked 'unused' | Fig. 3 – Jasmine Test with BookingData |
| FR3.2.2 | TC-FR3.2.2-004 | Booking data unavailable → error handling | Fig. 4 – Cypress E2E Screenshot |
| FR3.2.3 | TC-FR3.2.3-001 | Employee data fetched and shown in UI | Fig. 5 – Backend test + UI snapshot |
| FR3.2.3 | TC-FR3.2.3-003 | Simulated WFIDB error visible in Grafana | Fig. 6 – Grafana Dashboard Screenshot |
| FR3.2.3 | TC-FR3.2.3-004 | WFIDB caching verified | Fig. 7 – Backend test with log output |
| FR3.2.4 | TC-FR3.2.4-001 | Unused Open Day reallocated by admin | Fig. 8 – Cypress test with DOM assertions |
| FR3.2.5 | TC-FR3.2.5-001 | Day unselection persists after save | Fig. 9 – UI Snapshot After Save |
| FR3.2.6 | TC-FR3.2.6-001/002 | Traveler list correctly shown or empty | Fig. 10 – Traveler List Component Test |
| FR3.2.7 | TC-FR3.2.7-001/002 | View/Edit mode switching works | Fig. 11 – Cypress Test on Mode Toggle |
| FR3.2.8 | TC-FR3.2.8-002 | Refactored logic works and passes unit tests | Fig. 12 – Green JUnit Test Result |

# 8.2 Non-Functional Requirements Test Evidence

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| NFR Category | Description | Evidence Reference |
| Performance | Dashboard loads in < 2s | Fig. 13 – Cypress Performance Metrics Screenshot |
| Performance | Open Day status query < 1.5s | Fig. 14 – Backend log during stress test |
| Reliability | Deployment only with 100% test pass | Fig. 15 – GitLab CI pipeline screenshot |
| Maintainability | 80%+ unit test coverage | Fig. 16 – IntelliJ Coverage Report |
| Security | Only admins can reallocate days | Fig. 17 – Screenshot of Role-Based UI Check |
| Scalability | Handles 10k+ travels without degradation | Fig. 18 – Backend performance/load test graph |
| Compliance | Swisscom policy adherence | Fig. 19 – Screenshot of internal audit notes |