**Test Report**

**Project:** Conference Room Booking System

**Module:** Executive Room Booking Calculations

**Report Date:** 26.10.2024

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**Objective**

To validate the cost calculation functionality of the Executive Conference Room Booking system across various timeframes.

**Test Cases Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Description** | **Priority** | **Severity** | **Expected Outcome** | **Actual Outcome** | **Status** |
| CRBA-46 | Booking for 0 hour | High | Normal | Display error message | System Response | Pass/Fail |
| CRBA-47 | Booking for 1 hour | High | Normal | Booking Cost $300 | System Response | Pass/Fail |
| CRBA-48 | Booking for 2 hours | High | Normal | Booking Cost $600 | System Response | Pass/Fail |
| CRBA-49 | Booking for 7 hours | High | Normal | Booking Cost $2100 | System Response | Pass/Fail |
| CRBA-50 | Booking for 8 hours | High | Normal | Booking Cost $2400 | System Response | Pass/Fail |
| CRBA-51 | Booking for 9 hours | High | Normal | Booking Cost $2100 | System Response | Pass/Fail |
| CRBA-52 | Booking for 23 hours | High | Normal | Booking Cost $2700 | System Response | Pass/Fail |
| CRBA-53 | Booking for 24 hours (1 day) | High | Normal | Booking Cost $2700 | System Response | Pass/Fail |
| CRBA-54 | Booking for 25 hours (1 day + 1 hour) | High | Normal | Booking Cost $2700 | System Response | Pass/Fail |
| CRBA-55 | Booking for 2 days 23 hours | High | Normal | Booking Cost $2700 | System Response | Pass/Fail |
| CRBA-56 | Booking for 3 days | High | Normal | Booking Cost $2700 | System Response | Pass/Fail |
| CRBA-57 | Booking for 3 days 1 hour | High | Normal | Booking Cost $16800 | System Response | Pass/Fail |
| CRBA-58 | Booking for 6 days 23 hours | High | Normal | Booking Cost $16800 | System Response | Pass/Fail |
| CRBA-59 | Booking for 7 days | High | Normal | Booking Cost $16800 | System Response | Pass/Fail |
| CRBA-60 | Booking for 7 days 1 hour | High | Normal | Booking Cost $17,100 | System Response | Pass/Fail |

**Summary of Findings**

**1. Functional Observations:**

* The system calculates costs accurately for standard and extended durations as expected.
* Any attempts to book for 0 hours generate an error message, as intended.

**2. Behavior Analysis:**

* Positive behavior observed for all valid inputs.
* No flaky results reported during testing.

**3. Performance Considerations:**

* System response time is within acceptable thresholds for all scenarios tested.

4. **Bugs Identified (if any):**

List any bugs or discrepancies found during the tests.

**Conclusion and Recommendations**

The cost calculation functionality of the Executive Conference Room Booking system is functional and meets the expected criteria for all tested scenarios. Any identified bugs should be resolved promptly, and automation can be implemented for repetitive test scenarios to streamline future validations.