**Test Report: Medium Conference Room Booking System**

**Report Details**

* **Tested Requirement:** Medium Conference Room Booking
* **Test Environment:**
* **Application:** Conference Room Booking Application
* **Layer:** End-to-End (E2E) Testing
* **Execution Mode:** Manual
* **Tester:** Taspia Roshid Manna
* **Test Status:** Actual

**Test Summary**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Expected Outcome** | **Actual Outcome** | **Status** |
| CRBA-16 | Booking a Medium Room for 0 hours | Error message displayed | Error message displayed | Pass |
| CRBA-17 | Booking a Medium Room for 1 hours | Booking cost displayed: $150 Booking cost displayed: $150 | Booking cost displayed: $150 Booking cost displayed: $150 | Pass |
| CRBA-18 | Booking a Medium Room for 2 hours | Booking cost displayed: $300 Booking cost displayed: $300 | Booking cost displayed: $300 Booking cost displayed: $300 | Pass |
| CRBA-19 | Booking a Medium Room for 7 hours | Booking cost displayed: $1050 Booking cost displayed: $1050 | Booking cost displayed: $1050 Booking cost displayed: $1050 | Pass |
| CRBA-20 | Booking a Medium Room for 8 hours | Booking cost displayed: $1200 Booking cost displayed: $1200 | Booking cost displayed: $1200 Booking cost displayed: $1200 | Pass |
| CRBA-21 | Booking a Medium Room for 9 hours | Booking cost displayed: $1200 Booking cost displayed: $1200 | Booking cost displayed: $1200 Booking cost displayed: $1200 | Pass |
| CRBA-22 | Booking a Medium Room for 23 hours | Booking cost displayed: $1200 Booking cost displayed: $1200 | Booking cost displayed: $1200 Booking cost displayed: $1200 | Pass |
| CRBA-23 | Booking a Medium Room for 24 hours | Booking cost displayed: $1200 Booking cost displayed: $1200 | Booking cost displayed: $1200 Booking cost displayed: $1200 | Pass |
| CRBA-24 | Booking a Medium Room for 25 hours | Booking cost displayed: $1350 Booking cost displayed: $1350 | Booking cost displayed: $1350 Booking cost displayed: $1350 | Pass |
| CRBA-25 | Booking a Medium Room for 71 hours (2 days 23 hour’s | Booking cost displayed: $3600 Booking cost displayed: $3600 | Booking cost displayed: $3600 Booking cost displayed: $3600 | Pass |
| CRBA-26 | Booking a Medium Room for 72 hours (3 days) | Booking cost displayed: $3600 Booking cost displayed: $3600 | Booking cost displayed: $3600 Booking cost displayed: $3600 | Pass |
| CRBA-27 | Booking a Medium Room for 73 hours (3 days + 1 hours | Booking cost displayed: $8400 Booking cost displayed: $8400 | Booking cost displayed: $8400 Booking cost displayed: $8400 | Pass |
| CRBA-28 | Booking a Medium Room for 6 days 23 hours | Booking cost displayed: $8400 Booking cost displayed: $8400 | Booking cost displayed: $8400 Booking cost displayed: $8400 | Pass |
| CRBA-29 | Booking a Medium Room for 7 days | Booking cost displayed: $8400 Booking cost displayed: $8400 | Booking cost displayed: $8400 Booking cost displayed: $8400 | Pass |
| CRBA-30 | Booking a Medium Room for 7 days + 1 hours | Booking cost displayed: $8550 Booking cost displayed: $8550 | Booking cost displayed: $8550 Booking cost displayed: $8550 | Pass |

**Test Observations**

1. Accuracy: All test scenarios met the expected behavior, including edge cases like 0-hour bookings and fractional-day durations.

2. Error Handling: The application correctly displayed error messages for invalid inputs, such as 0-hour bookings.

3. Cost Calculation: The system accurately calculated costs for all tested durations, maintaining consistent pricing logic.

4. Performance: The system responded promptly with no delays observed during testing.

**Recommendations**

* Automation: Automate repetitive test cases such as incremental duration checks to save manual testing effort.
* Boundary Tests: Additional tests could be conducted for edge conditions like fractional hour bookings (e.g., 0.5 hours).
* Scalability Testing: Validate the system's ability to handle simultaneous bookings across different room types to ensure robustness.

**Test Result:** PASS

All test cases executed successfully, meeting the expected requirements.