# Test Case Table: Reporting Module

## Revision History

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| Version | Date | Description |
| 1.0 | 2025-05-12 | Initial version for TC\_RP\_004 unit test documenting monthly review report generation |

## Test Case: TC\_RP\_004 – Monthly Review Report Generation

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| TestCaseId | TC\_RP\_004 |
| Test Summary | Validate generation of monthly review schedule with correct formatting and sorting. |
| Description | This test ensures that reviews scheduled for a given month and year are correctly included in the monthly schedule, sorted by date, and formatted properly. |
| Prerequisite/Pre-condition | The Reviews.csv file must contain reviews with varying Scheduled\_Date values in the target month and year. |
| Test Steps | 1. Mock reviews with various scheduled dates. 2. Mock associated project and reviewer info. 3. Run generate\_monthly\_schedule for the target month/year. 4. Validate the output file is sorted and correctly formatted. |
| Test Data | Review\_ID: R001, Project\_ID: P001, Reviewer\_ID: U001, Scheduled\_Date: 2025-05-10 Review\_ID: R002, Project\_ID: P002, Reviewer\_ID: U002, Scheduled\_Date: 2025-05-15 |
| Expected Result | The generated CSV file includes both reviews sorted by Scheduled\_Date and contains Project\_Name and Reviewer\_Name. |
| Actual Result | As expected. File generated, correctly sorted and formatted. |
| Test Result | Pass |
| Automation Status | Automated (test\_reporting\_module.py) |
| Date | 2025-05-12 |
| Executed By | Cynthia McGinnis |