

Test Summary Report – COVID-19 Cases Tracker

1. Project Name:

COVID-19 Cases Tracker

2. Prepared By:

Kapil Rohilla

3. Objective:

To validate that the application meets functional and usability requirements — including accurate COVID-19 data scraping, notification delivery, and file export in multiple formats.

4. Test Environment:

- **OS:** Windows 10/11
- **Tools Used:** Manual Testing, Tkinter GUI, Browser (for validation), Excel
- **Python Version:** 3.x
- **Libraries Used:** Tkinter, Requests, BeautifulSoup, Pandas, Plyer

5. Scope of Testing:

- UI Validation
- Functional Testing
- Negative & Boundary Testing
- File Export Testing (CSV/HTML/JSON)
- Data Integrity Validation
- Compatibility Testing (screen resolution)

6. Test Metrics:

Metric	Value
Total Test Cases Executed	30
Positive Test Cases	15
Negative Test Cases	15
Passed	26
Failed	4
Defects Logged	10 (see bug report)

Major Defects	3
Minor Defects	7

7. Summary of Defects:

Severity	Count	Example Bug IDs
High	3	BUG_01, BUG_05, BUG_02
Medium	4	BUG_04, BUG_08, BUG_06
Low	3	BUG_09, BUG_10, BUG_03

8. Exit Criteria:

- Minimum 90% test cases passed.
- All high severity bugs fixed or accepted.
- Exported files validated.
- App behavior consistent across multiple test runs.

9. Conclusion:

The COVID-19 Tracker passed most critical test cases. High severity bugs were identified and documented. The application is acceptable after resolving the reported high priority issues.