# **Test Summary Report (TSR)**

## **1. Project Information**

* **Project Name:** New Customer Management System
* **Version:** v1.0.0
* **Testing Period:** 25 Aug – 07 Sep 2025
* **Prepared By:** Abdulrahman

## **2. Test Objectives**

* Validate **functional requirements** of the New Customer Form.
* Check **field-level validations** (Name, Address, City, State, PIN, Telephone, Email).
* Cover both **happy scenarios** and **negative test cases**.

## **3. Test Scope**

* **In-Scope:**
  + Functional Testing
  + Negative Testing
  + Input Validation Rules
* **Out of Scope:**
  + Performance Testing
  + Security Testing
  + Integration with other modules

## **4. Test Execution Summary**

* **Total Test Cases Written:** 23
* **Total Executed:** 23
* **Passed:** 13
* **Failed:** 10
* **Pass Rate:** ~57%

## **5. Defect Summary**

* **Total Bugs Logged:** 10 (BUG\_01 → BUG\_10)
* **Critical:** 1 (Telephone field accepted special characters)
* **Major:** 5 (e.g., Name accepted invalid inputs, PIN length issue, Email format issue)
* **Minor:** 4 (e.g., leading spaces in fields)

*All bugs documented with unique IDs, detailed steps, severity, and priority.*

## **6. Environment Details**

* **Operating System:** Windows 10
* **Browser:** Google Chrome (Latest version)
* **Hardware:** Laptop (Intel i5, 8GB RAM)
* **Tools:**
  + MS Excel (Test Case Design)
  + MS Word (Bug Reporting)
  + Adobe Reader (for SRS review)

## **7. Overall Assessment**

* The system handles most **valid inputs** correctly.
* However, several **validation defects** were found, especially in:
  + Customer Name (accepting numbers & special characters)
  + Address & City (accepting blanks/spaces)
  + PIN (not enforcing 6-digit rule)
  + Telephone & Email (accepting invalid formats)
* **Recommendation:** Fix all **Critical & Major bugs** before production release.

## **8. Conclusion**

Testing was completed successfully, meeting the defined objectives.  
 Deliverables include:

* **Test Case Document (23 test cases)**
* **Bug Report Document (10 bugs)**
* **Test Summary Report (this document)**

## **9. Risks & Mitigations**

* **Risk:** Lack of sufficient documentation may lead to unclear requirements.
  + **Mitigation:** Continuous communication with stakeholders to clarify requirements.
* **Risk:** Limited time for regression testing after bug fixes.
  + **Mitigation:** Prioritize retesting Critical & Major bugs first.
* **Risk:** Environment mismatch between testing and production.
  + **Mitigation:** Align test environment setup with production as closely as possible.

## **10. Lessons Learned**

* **Negative Testing** revealed critical defects, proving its importance in catching hidden bugs.
* Early collaboration with stakeholders can reduce **requirement ambiguities**.
* Maintaining clear and reusable **test case design** helps in faster execution and reporting.

## **11. Attachments / References**

* **Test Case Document** (Excel / Word) – includes 23 test cases.
* **Bug Report Document** (Word) – includes 10 bugs with severity & priority.
* **Test Summary Report (TSR)** – this document.

The project provides a clear picture of the system’s current state and highlights areas that must be addressed to ensure data integrity and user experience.

👉 “If you want your software to be tested with the same level of detail and professionalism shown in this project, I’d be happy to help you ensure its quality.