

# Bug Summary Report

## Project Overview

This report summarizes the key bugs identified during the functional testing of the XiangNeng Smart Property Management System. The testing focused on validating critical workflows, including owner management, building management, billing, and mini-program integration.

## Testing Metrics

Metric	Value
Total Test Cases Executed	50
Total Passed	40
Total Failed	10
Critical Bugs Identified	5

## Bug Summary

Bug ID	Module	Summary	Severity	Status
OM_001	Owner Management	No response after clicking "Submit" on the Company Profile form.	High	Open
BM_002	Building Management	System does not validate mandatory fields when adding a building.	Critical	Open
OM_003	Owner Management	System accepts invalid phone numbers with non-numeric characters.	High	Open
BL_004	Billing Management	Property fees do not update after payment.	Critical	Open
MP_005	Mini-Program	Owner binding succeeds with incomplete data.	Critical	Open

## Observations

### Strengths:

- Core workflows for adding owners, buildings, and billing items functioned as expected.
- Pagination and basic query functionalities worked smoothly.

### Weaknesses:

- Major validation issues in owner and billing modules.
- Performance issues, such as long loading times, were observed intermittently.

- Lack of appropriate user prompts for failed actions impacts usability.
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## **Recommendations**

1. Fix all critical and high-priority bugs before the production release.
  2. Implement robust validation checks for input fields across modules.
  3. Add appropriate error or success prompts for all critical actions.
  4. Conduct regression testing to ensure new changes do not break existing functionality.
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## **Conclusion**

The XiangNeng Smart Property Management System demonstrated functionality in most core workflows. However, critical issues related to validation, response handling, and data integrity were identified and must be resolved before deployment. A final round of testing and regression checks is recommended to ensure the system meets quality standards.