

Test Plan

Project Name

XiangNeng Smart Property Management System - Functional Testing

Objective

To validate the core functionality, usability, and reliability of the XiangNeng Smart Property Management System, ensuring it meets the specified business requirements.

Scope

- Backend Management:
 - Agent registration
 - Community addition and admin approval
 - Building, unit, and house management
- Key Modules:
 - Owner Management (Owner Information)
 - Billing Management
 - Mini-program functionality (Owner Binding, Login, Property Fees, House Rental)
- Functional Testing Focus:
 - Validation of all critical workflows
 - Bug tracking and resolution
 - Cross-browser compatibility testing (Chrome, Firefox, Safari, etc.)

Test Approach

- **Basic Workflow Validation:** Cover the end-to-end workflow for the system: registration → approval → addition of buildings and houses.
- **Module Priority Testing:** Focus testing efforts on owner management, billing management, and mini-program functionalities.
- **Exploratory Testing:** Beyond provided test cases, test for unexpected behaviors to uncover additional defects.

Test Deliverables

- Test cases and execution results
- Bug tracking and resolution logs
- Final test summary report

Roles and Responsibilities

- **Test Execution:** Execute test cases for assigned modules.
- **Bug Reporting:** Log bugs in Jira.
- **Verification:** Verify fixed bugs and retest related workflows.

Test Environment

- Backend URL: <http://wy.lemonban.com:3000/user.html#>
 - Admin account: admin
 - Password: 123456a
- Mini-program: Search for "湘能智慧家园" on WeChat.

Test Schedule

- **Basic Workflow Testing:** Day 1–2
- **Module Priority Testing:** Day 3–4
- **Bug Fix Verification:** Day 5