

Test Plan Document – Note-Making App

1. Test Plan ID: NP-TC-001

2. Project: Note-Making Web App

3. Objective:

To verify the functionality, stability, and reliability of the note-making application, ensuring users can create, read, update, and delete notes successfully.

4. Scope of Testing

✓ Covered:

- User Registration & Login
- Note CRUD operations
- UI validations and interactions
- API integration
- Session management

✗ Not Covered:

- Accessibility testing (unless scoped)
 - Cross-browser/device compatibility (covered in another phase)
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5. Test Types

- ♦ Smoke Testing
 - ♦ Regression Testing
 - ♦ API Testing (backend integration)
 - ♦ UI Validation
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6. Test Environment

- Web App (Angular)
 - Backend API (Node.js)
 - Database (PostgreSQL)
 - Devices: Smartphones, Tablets (varying screen sizes)
 - Tools: Manual, Jira, TestRail
 - Automation: Appium, Cypress
 - API Testing: JMeter, Postman
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7. Test Tools

- Cypress / Postman / REST Assured
 - GitHub Actions (CI)
 - Jira (Bug tracking)
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8. Roles & Responsibilities

Role	Responsibility
QA Engineer	Test creation, execution, bugs
Developer	Bug fixing, API contract clarity
Team Lead	Review & approve test coverage

9. Entry & Exit Criteria

- Entry: App deployed to staging, test data available, backend stable
 - Exit: All critical bugs fixed, 100% smoke pass, 90% regression pass
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10. Risk Management

Risk	Mitigation
Delays in bug fixes	Prioritize critical bugs first.
Device compatibility issues	Test on real devices + emulators.
Sync failures	Verify cloud integration early.

11. Test Schedule

Phase	Duration	Deliverables
Test Case Preparation	3 Days	Test Cases Document
Functional Testing	5 Days	Test Reports, Bug Logs
UI/UX Testing	3 Days	Test Reports, Bug Logs
Smoke Testing	1 Days	Bug Verify and Feature verify
Regression Testing	3 Days	Final Test Summary

12. Test Data

- Dummy users with varied roles
- Notes with text, HTML, long content, emojis