

Test Plan – Level Supermind App



Prepared By:Kartik Sharma

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1. Introduction

Level Supermind is a mobile application that provides guided meditations, breathwork, yoga, journaling, and sleep stories to improve mental well-being. The goal of this test plan is to ensure the app functions reliably across supported platforms and meets the desired quality standards before release.

2. Objectives

- Validate all core functionalities including meditation, journaling, yoga sessions, and audio playback.
 - Ensure a smooth and bug-free experience across Android and iOS.
 - Verify multilingual support (English, Hindi, Marathi, etc.).
 - Test UI/UX consistency, responsiveness, and accessibility.
 - Ensure secure and smooth user onboarding, login, and profile management.
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3. Scope

In Scope:

- Functional Testing (meditation modules, journaling, audio playback, etc.)
- UI/UX testing
- API testing for backend integration
- Compatibility testing across different devices and OS versions

- Regression and smoke testing
- Localization testing

Out of Scope:

- Load/performance testing (can be part of a separate plan)
 - Backend database validation
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4. Testable Features

- User Registration & Login (Email/OTP based)
 - Guided Meditation & Breathwork
 - Sleep Stories & Music Playback
 - Journaling & Daily Check-ins
 - Yoga Sessions
 - Language Switching
 - Notifications & Reminders
 - Profile Management & Settings
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5. Testing Approach

- Manual Testing for core features and UI validation
- Automation Testing using Appium for critical user flows (if supported)

- REST API validation using Postman or Rest Assured
 - Defect tracking and reporting through Jira
 - Test case and test scenario documentation in Excel/TestRail
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6. Roles and Responsibilities

Role	Responsibility
QA Lead	Define strategy, review test cases, oversee execution
QA Engineer	Create, execute test cases, report bugs
Automation Tester	Write and maintain automation scripts
Developer	Fix bugs and support QA team
Product Manager	Clarify features, validate business logic

7. Test Schedule

Phase	Start Date	End Date
Requirement Analysis	April 09	April 10
Test Planning	April 09	April 10
Test Case Design	April 09	April 10
Test Execution	April 09	April 10
Bug Reporting & Fixes	April 09	April 10
Regression Testing	April 09	April 10
Final Sign-off	April 09	April 10

8. Test Deliverables

- Test Plan Document
- Test Scenarios & Test Cases
- Defect Report
- Test Execution Report
- Regression Suite (if automated)
- Final QA Sign-Off

9. Entry & Exit Criteria

Entry Criteria:

- All requirements and designs are finalized and reviewed.
- Test environment is ready.
- Required APIs and builds are deployed.

Exit Criteria:

- All critical and high-priority test cases are passed.
 - No critical bugs remain open.
 - Test coverage is $\geq 95\%$.
 - Test reports are submitted and reviewed.
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10. Tools

- Jira – Bug tracking
 - Excel/TestRail – Test case management
 - Appium – Mobile test automation
 - Postman – API testing
 - Android Studio/Xcode – Device testing
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11. Risks and Mitigation Plans

Risk	Mitigation
Delayed builds	Request regular internal build drops
Unclear requirements	Schedule frequent sync-ups with product team
Device compatibility issues	Use cloud device farms or emulators
Multilingual bugs	Engage native testers for language validation

12. Approvals

Name	Role	Approval Status
Kartik Sharma	QA Lead	Approved
Product Manager Name	Product Manager	Approved
Dev Lead Name	Dev Lead	Approved