

Test Plan: MelpApp Core Workflow Validation

1. Objective

Test the key collaboration scenarios in the application (Onboarding, Chats, Calls/Meetings, Melp Drive) for functionality.

2. Scope

In_Scope

- Registration, login, logout, preferences
- Chat, group discussions, messages, searching
- Audio/Video calls, Meetings Scheduling/Joining, AI Summar
- melp drive: Access, Upload, Create Docs, Share

Out of Scope

- Performance, security, load testing
- Admin provisioning workflows
- Third-party integrations
- Testing for accessibility (WCAG)

3. Test Approach

The

- Manual functional testing
- Positive Testing
 - Negative Testing
 - Boundary Testing
- UI/UX sanity checks
- Cross platform smoke testing (Web & Mobile - if available)

4. Test Environment

Platform	Details

Web Browsers Chrome 120+, Firefox 115+, Safari 16+	
Mobile OS Android 13, iOS 16	
Desktop OS Windows 11, macOS Ventura	
Network Wi-Fi, 4G, bandwidth simulation with limitations	
Build Version MelpApp v2.1.0	
Test Accounts User: user1@melp.com, Moderator: mod1@melp.com	

5. Entry criteria

- Stable build ready
- Test accounts created
- Test data is ready (files, contacts, messages)
- Environment set up

6. Exit Criteria

- All test cases were run
- Severity level 1 & 2 defects resolved or deferred
- Test summary report generated

7. Deliverables

1. Test Plan (current document)
2. Test Scenarios and Test Cases
3. Defect Report (≥ 5)

8. Risks & Mitigations

Risk	Mitigation

Network instability	Test: Retry/Resume UX, Poor Network Simulation
Device permission issues	Add permission validation test cases
Large file upload failures	Tests with different sizes and types of files
Conflation of different meetings	Test with a different user time zone

9. Schedule

Phase	Duration	Activity
Planning	1 hour	Create test plan, scenarios
Execution	2 hours	Execution of tests, logging of defects
Reporting	1 hour	Finalize reports

Prepared by: Ananya

Date: 19/12/25