

TEST PLAN

Mahfil App

Date	Version	Log
02.01.2025	1.0 1.1	The document has been created
03.01.2025		The document has been updated

Contents

1. Introduction.....3

2. Test Objectives:..... 3

3. Scope 4

4. Test Methodology..... 5

5. Test Environment..... 5

6 . Risk Assessment and Mitigation.....5

7. Schedule of tests.....6

8. Summary.....6

1. Introduction

This document outlines a detailed test plan for the Mahfil App based on the provided test cases. The plan covers test objectives, scope, methodology, resources, schedule, and deliverables. It emphasizes a thorough testing approach covering functional, usability, and performance aspects.

2. Test Objectives:

- Verify the functionality of all core features, including user authentication, content categories, video streaming, search and filters, and user interaction.
- Ensure the application is stable, reliable, and performs efficiently under various conditions.
- Identify and report any bugs or defects to the development team for remediation.
- Confirm the application meets specified quality standards and user expectations.

3. Scope

- Areas to be Tested:

The following table indicates the areas that fall within the range of functionality being tested.

Module name	Description
User Authentication	Testing various scenarios, Sign-up, login, password recovery.
Content Categories	Testing Accessibility, organization, and content relevance.
Video Streaming	Loading time, smooth playback, pause/play, autoplay, fullscreen, audio controls, and 10s earlier functionality.
Unique Video Content	Uniqueness verification and adherence to Islamic principles.
Search and Filters	Search functionality, category filtering, and advanced filter options.
User Interaction	Like, comment, share, and notification functionalities.
Load Testing	Video playback performance, loading delay, and app responsiveness during video playback.

4. Test Methodology:

This test plan will employ a combination of testing techniques:

- Functional Testing: Verifying that each feature performs as specified.
- Usability Testing: Assessing the ease of use and intuitiveness of the application.
- Performance Testing: Evaluating the application's response time, stability, and resource consumption.

5. Test Environment:

- Hardware: Android devices running FunTouch OS 14 .
- Software: Mahfil App.
- Network: Testing should include scenarios with different network conditions (e.g., Wi-Fi, 3G, 4G).

6 . Risk Assessment and Mitigation:

- Risk: Insufficient test coverage. Mitigation: Review and expand the test cases to ensure all functionalities are thoroughly tested.
- Risk: Delays in bug fixing. Mitigation: Establish clear communication channels between the testing and development teams.
- Risk: Unrealistic timelines. Mitigation: Create a realistic test schedule with sufficient buffer time.

7. Schedule of tests

Tests will be carried out from 10.08.2024 to 14.08.2024 The table below indicates the detailed action plan, together with the priority of the functionality (on a scale from 1 [lowest] to 5 [highest]).

Outline	Date	Time	Tester
Test case review and enhancement	02.01.2025	4 hours	Sanjida Akter
Test environment setup.	04.01.2025	2 hours	Sanjida Akter
Test execution.	04.01.2025	4 hours	Sanjida Akter
Bug reporting and tracking.	06.01.2025	4 hours	Sanjida Akter
Test report preparation.	07.01.2025	2 hours	Sanjida Akter

8. Summary

This test plan provides a framework for testing the Mahfil App. It emphasizes a thorough testing approach covering functional, usability, and performance aspects. The plan highlights the need for additional test cases to enhance coverage, addresses a critical bug identified in the existing test results, and emphasizes the importance of a well-defined schedule and clear risk mitigation strategies. Remember to update the plan regularly to reflect changes and progress.