TEST PLAN DOCUMENT

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Video App Test Plan

Contents

1. Introduction

This test plan outlines the strategy and approach for testing the Video App used for webinars and conferences. The app includes features such as home page, login, starting a meeting, scheduling a meeting, joining a meeting, in-meeting features, and viewing past meetings.

2. Test Objectives

- Verify the functionality of all features in the Video App.
- Ensure the app meets the specified requirements.
- Identify and report defects for resolution.
- Ensure the app is user-friendly and performs well under expected usage conditions.

3. Scope

This test plan covers functional testing of the following features:

- Home page
- Login page
- Start a meeting
- Schedule a meeting
- Join a meeting
- In-meeting features
- View past meetings

4. Test Strategy

- **Test Levels:** Unit Testing, Integration Testing, System Testing, User Acceptance Testing (UAT).
- **Test Types:** Functional Testing, Usability Testing, Performance Testing, Security Testing.
- **Test Design:** Test cases will be derived from the requirements and user stories.

5. Test Environment

- **Hardware:** Standard PCs, Laptops, Mobile Devices.
- **Software:** Latest version of web browsers (Chrome, Firefox, Edge, Safari), Mobile OS (iOS, Android).
- **Network:** Stable internet connection to simulate real user conditions.

6. Entry Criteria

- Requirements and design documents are finalized and approved.
- Test environment is set up and accessible.
- Test data is prepared and available.
- Test cases are reviewed and approved by stakeholders.
- Development team has completed unit testing.

7. Exit Criteria

- All planned test cases have been executed.
- All critical and high-priority defects have been resolved and retested.
- Test summary report is prepared and reviewed.
- Acceptance criteria for all test levels are met.
- Stakeholders have reviewed and approved the test results.

8. Test Cases

Login Page

Test cases for the Login Page will focus on verifying correct and incorrect login attempts, language selection, and guest login functionality.

Home Page

Test cases for the Home Page will ensure that all key elements related to Home Page are present and functional.

Start a Meeting

Test cases for starting a meeting will verify the initiation of a new meeting session.

Schedule a Meeting

Test cases for scheduling a meeting will cover the scheduling process, including entering and saving meeting details.

Join a Meeting

Test cases for joining a meeting will check both valid and invalid meeting ID scenarios.

In-Meeting Features

Test cases for in-meeting features will include enabling/disabling the microphone and camera.

View Past Meetings

Test cases for viewing past meetings will verify that the user can access and review past meetings.

9. Roles and Responsibilities

- **Test Manager:** Oversee the testing process, manage the test team, and communicate with stakeholders.
- **Test Lead:** Plan and coordinate the testing activities, ensure the quality of the testing process.
- **Test Engineers:** Design and execute test cases, report defects, and validate fixes.

10. Schedule

- **Test Planning:** 2 weeks
- **Test Design:** 3 weeks
- **Test Execution:** 4 weeks
- **Defect Reporting and Retesting:** Ongoing throughout test execution
- **Test Closure:** 1 week

11. Risks and Mitigations

- **Risk:** Delays in test environment setup.
    - o **Mitigation:** Plan and set up test environments in advance.
- **Risk:** Unavailability of key resources.
    - o **Mitigation:** Ensure resource backup and cross-training.

12. Approvals

- **Project Manager:** John Doe
- **Test Manager:** Sana Kanvinde
- **Development Lead:** Jenny Doe