**Software Test Report**

**Product**: bit App

**Product Version**:5.14.1

**Report Date**: April 14, 2024

**Testing Period**: April 2, 2024, to April 16, 2024

**Prepared By**: Muhammad Aqfa

Thank you for the information. Here's a test summary for the Bit payment app:

**Test Summary**: Bit Payment App

**Objective**: To evaluate the functionality, performance, and security of the Bit payment app across iOS platforms.

**Test Scope:**

Functional Testing: Verify that all features work as expected, including

User registration and login process.

Adding, updating, and deleting payment methods.

Making and receiving payments.

Requesting money from other users.

Transaction history review and management.

**Usability Testing**: Assess the app’s ease of use, interface intuitiveness, and overall user experience. This includes testing on different devices with varying screen sizes and resolutions.

**Compatibility** Testing: Confirm that the app operates seamlessly on the latest and commonly used older versions of iOS.

**Test Outcomes:**

The app successfully allowed users to manage payments and personal information securely.

Minor usability issues were identified on specific older iOS devices, which were documented for further optimization.

No critical performance bottlenecks were detected, but recommendations were made to improve response times under peak loads.

All security tests passed, confirming the app’s adherence to best practices in securing user transactions.

**Conclusion:**

The Bit payment app demonstrates robust performance, strong security measures, and a user-friendly interface, making it a reliable tool for mobile payment transactions. Further optimizations can enhance usability and performance continuity across all supported devices.

2. **Test Environment**

Hardware: Testing was conducted on iPhone 14pro max, iPhone 12pro max,

Software: iOS 17.4.1

3. **Test Results**

Summary: A total of **235** test cases were executed with **234** passing and **1** failing.

Detailed Results: The pass rate stands at 99%. The failed tests were primarily due to positive functionality glitches on the iOS platform.

Here's how you might document the test coverage in a Software Test Report (STR) for the Bit app, presented in a professional and structured manner:

**Test Coverage Summary:**

Here's the revised section of the Software Test Report (STR) for the Bit app, focusing on the test coverage summary and providing specific details as requested:

**Test Details**:

Total Number of Features as Written in STP (Software Test Plan): 12

Total Number of Features as Written in STD (Software Test description): 10

Number of Features that executed: 10

Number of Features that Failed to Test: 2

**Coverage Analysis:**

Interpretation: The testing covered approximately 83.33% of the features listed in both the STP and STD. This indicates that a majority of the app’s intended functionalities were evaluated during the testing period. However, 2 features were not successfully tested, which highlights areas needing further investigation or modification.

**Conclusion:**

The achieved coverage of 83.33% indicates a robust testing phase, but the inability to test 2 features necessitates additional focus. Addressing these gaps is crucial for ensuring the app's comprehensive functionality and reliability. Recommendations for further testing or revision of the test cases associated with the failed features should be prioritized to achieve 100% coverage.

**Defect Summary**

**Overview**: During the test execution phase, a defect was identified impacting the functionality of the app. This defect pertains to the user interface, specifically within the profile management features.

**Severity**: low

**Description**: When users attempt to delete a picture from their profile via the navigation bar button, the picture is not deleted as expected. Despite completion of the deletion process, the picture remains visible on the user's profile page.

* **Steps to Reproduce:**

1. Log in to the user account.
2. click on the Hamburger icon
3. ****
4. click the profile picture
5. Click the delete button
6. Observe that the picture still appears on the profile.

**Expected Result:** The picture should be permanently removed from the profile upon deletion.

**Actual Result:** The picture remains visible on the profile after the deletion process.

**Impact**: This defect impacts user experience and profile management, preventing users from effectively managing their profile images.

**Reported By**: Muhammad Aqfa

**Status**: Open

**Recommendations:**

Immediate attention is recommended to resolve this defect due to its impact on user experience. It is advised to review the deletion functionality and associated database operations to ensure that deletions are executed and reflected correctly in the user interface.