**Test Plan for LinkedIn Mobile App**

1. **Introduction:**

* **Overview:** This test plan outlines the testing approach for the LinkedIn mobile application.
* **Document Control:** Version 1.0.0, Sarah Abdellatif, 05-Oct-2023

1. **Test Objectives:**

* Ensure the functionality, usability, performance, and security of the LinkedIn mobile app.
* Validate the app's compatibility with various devices, operating systems, and network conditions.
* Identify and report any defects or issues to improve the overall user experience.

1. **Test Scope:**

* **In-Scope:** All core features and functionalities of the LinkedIn mobile app, including user registration, profile management, job search, messaging, content sharing, privacy settings, and notifications.
* **Out-of-Scope:** Third-party integrations, LinkedIn Learning, and specific premium features that require additional access or subscription.

1. **Test Approach:**

* **Testing Levels:** The test plan will cover both functional and non-functional testing, including smoke testing, regression testing, exploratory testing, usability testing, performance testing, and security testing.
* **Test Techniques:** Black-box testing, boundary value analysis, equivalence partitioning.
* **Test Tools:** Test management tool (e.g., JIRA), automated testing tools tool (e.g., Appium), and device emulators/simulators.

1. **Test Environment:**

* **Target Platforms:** iOS (version X.X and above), Android (version X.X and above).
* **Supported Devices:** List of specific devices (e.g., iPhone X, Samsung Galaxy S10).
* **Network Conditions:** Test on both Wi-Fi and cellular networks (3G, 4G, and 5G) to ensure seamless connectivity.

1. **Test Deliverables:**

* **Test Cases:** Detailed test cases covering functional scenarios, negative scenarios, and edge cases.
* **Test Scripts:** Appium scripts for automated regression testing.
* **Bug Reports:** Detailed reports for any defects or issues encountered during testing.
* **Test Logs:** Logs capturing test execution details, including test coverage, test results, and environment configurations.

1. **Test Schedule:**

* Start Date: 05/10/2023
* End Date: 30/12/2023

1. **Test Resources:**

* **Test Team:** List the roles and responsibilities of the testing team members e.g., :
  + - Sarah Yassin : Automation Testing
    - Ahmed Mohamed: Regression testing
* **Devices:** Specify the devices required for testing, including smartphones and tablets. (e.g., iPhone X, Samsung Galaxy S10).
* **Tools:** Identify any specific tools required for testing and their configurations e.g., :
  + - Jira/azure as testing management tool.
    - Appium for automation testing.
    - Postman for API testing.
    - Rest assured for API automation testing.

1. **Test Cases:**



1. **Test Execution:**

* Detail the process for executing the test cases, including test data preparation, test environment setup, and test execution cycles.
* Define the criteria for test completion and test exit criteria.

1. **Test Reporting:**

* Describe how test results will be documented and communicated.
* Define the format and frequency of test status reports.
* Ensure that bug reports are logged, tracked, and monitored until resolution.

1. **Risks and Assumptions:**

* Identify potential risks and assumptions associated with the testing effort.
* Mitigation strategies for identified risks should be included.

1. **Sign-Off:**

* Provide designated stakeholders or approvers who will review and sign off on the test plan.