TEST PLAN

VERSION: 1.0

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| --- | --- |
| Product Name | LinkedIn |
| Website | [www.linkedin.com](http://www.linkedin.com) |

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**TABLE OF CONTENTS**

1. Introduction……………………………………………………………………………3
2. Test Plan Identifier…………………………………………………………………3
3. References……………………………………………………………………………..3
4. Test Items………………………………………………………………………………3
5. Features to be tested………………………………………………………………3
6. Features not to be tested……………………………………………………….4
7. Approach……………………………………………………………………………….4
8. Item Pass/Fail Criteria……………………………………………………………4
9. Suspension Criteria and Resumption Requirements………………4-5
10. Test Deliverables……………………………………………………………………5
11. Test Environment…………………………………………………………………..5
12. Estimation………………………………………………………………………………5
13. Staffing and Training Needs……………………………………………………5
14. Responsibilities……………………………………………………………………….5
15. Risks………………………………………………………………………………………..6
16. Assumptions and Dependencies………………………………………………6
17. Approvals………………………………………………………………………………….6

**INTRODUCTION**

Product Background:

LinkedIn is a business and employment-oriented social networking service that operates via websites and mobile apps. It is mainly used for professional networking, including employers posting jobs and job seekers posting their CVs.

Scope/Purpose/Context:

The overall purpose of testing is to ensure that the product "LinkedIn" meets all of its technical, functional and business requirements. The purpose of this document is to describe the overall test plan and strategy for testing "LinkedIn" application. The approach described in this document provides the framework for all the testing related to this application.

**TEST PLAN IDENTIFIER**

Identifier: TP001

Working Title: Testing LinkedIn and its major functionalities.

**REFERENCE(S)**

<https://www.linkedin.com>

**TEST ITEM(S)**

* Website of the product LinkedIn: <https://www.linkedin.com>
* User Login Credentials.

**FEATURE(S) TO BE TESTED**

* User Signup using provided credentials.
* User Login using provided credentials.
* Edit User Profile.
* Add details to the User Profile.
* Getting connected with new people around LinkedIn.
* User commenting on a particular post.
* User using Chatbot, a new support from LinkedIn for chatting with connections.
* UI’s responsiveness
* If/If not the mobile app works on Wi-Fi and Cellular Data
* Stress Test of Mobile App in challenging hardware conditions.
* Compatibility Testing of Mobile App
* Test Data Security and privacy.
* User Logging off from LinkedIn.

**FEATURE(S) NOT TO BE TESTED**

* Maintaining the user login records: User login records are secret and private and should not be saved.

**APPROACH**

Exploratory testing should be conducted followed by Boundary value analysis and Equivalence Class Partitioning wherever applicable in the product. Functional testing followed by performance and security testing should be applicable as well. Mentioned below are the techniques that should be adopted.

* Test following typical V-Model.
* Follow Agile Methodology.
* Follow Sprint.
* Follow Automation Testing.
* Follow Blackbox Testing.
* Track Bugs/Defects.

**ITEM PASS/FAIL CRITERIA**

If any of the test case failed to perform as expected, the Item and its corresponding test case should be considered as failed as the expected criteria doesn’t matches the actual one and vice versa is also true.

**SUSPENSION CRITERIA AND RESUMPTION REQUIREMENTS**

* Product should be suspended from testing when a defect/bug is introduced that cannot allow any further testing. [better called a Blocker defect/bug]
* Unavailability of login credentials [refers to external dependencies] during execution should suspend the product from testing further.
* Critical path deadline is missed so that the client will not accept delivery even if all testing is completed.
* A specific holiday shutting down both development and testing.
* **Resumption of Product** (LinkedIn) under test should be applicable if and when all the aforementioned pointers for suspension criteria becomes void.

**TEST DELIVERABLES**

* Test Plan (this document itself).
* Traceability Matrix.
* Test Cases.
* Test Scripts.
* Defect/Enhancement Logs.
* Test Reports.

**TEST ENVIRONMENT**

* Operating System: Windows 10
* Hardware: 8GB, Core i5 processor
* Tools: Selenium, MSWord, MSExcel
* Browsers: Google Chrome, Mozilla Firefox.

**ESTIMATION**

2 working Days to complete the execution of Testware.

**STAFFING AND TRAINING NEEDS**

Testers must have the knowledge of writing test scripts in JAVA and working knowledge of Selenium. He/She should have in-depth knowledge about the functionalities of the product LinkedIn. Proper transfer of knowledge should be provided prior starting execution of test cases.

**RESPONSIBILITIES**

QA Manager, Lead and Engineers.

**RISKS**

* Product is complex and hence require more time and efforts in creating the test scripts and testing the same.
* Scope of product expanded unexpectedly and hence more time would be required to plan and execute the new implementations.
* Product is failing to perform on the end user’s platform. Hence more test cases should be added followed by through regression testing.
* Product has problems related to a particular quality characteristic, which might not be functionality, but rather security, reliability, usability, maintainability or performance. In these scenario, test cases pertaining to security, reliability, usability, maintainability or performance needs to be strengthen.

**ASSUMPTIONS AND DEPENDENCIES**

* All the main functionalities related to user flow should be tested following the plan.
* Mobile App should work as expected in hardware and network constraint environment.
* All the major features as described in “Feature(s) to be tested” should work as expected.

**APPROVALS**

Sameer Segal, CEO