

# LinkedIn

## Test Plan document

Version 1.0

### Document Information

Document Name	Test Plan
Project Name	LinkedIn
Client Name	LinkedIn

### Document Changes

Date	Version Number	Action	Author Name	Notes
	1.0	Write the test plan of LinkedIn	Ahmed Agamy	

### Reviewers

Name	Job Title	Email

### Introduction

This Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of LinkedIn website. The plan identifies the test strategy, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing.

### Testing strategy

#### Entry Criteria

Our entry criteria will as the following:

- The requirements are ready and approved
- Most of our test data are prepared
- Most of our test cases are ready
- Our environment and all resources are ready
- The new version is ready and the development team applied the acceptance criteria

#### Exit Criteria

Our Exit criteria will as the following:

- All test cases with high priority are passed
- Achieving complete Functional Coverage
- Identifying and fixing all the high-priority defects
- Re-testing and closing all the high-priority defects to execute corresponding Regression scenarios successfully

### Test Design techniques

Our tests will be black box and we will follow the following techniques to design out Test Cases:

- Error guessing technique
  - we drive our test case to cover positive and negative scenarios.
- Use case technique
  - We create our test cases according to the use case of each function.

- Unit testing
  - Unit test is out of scope and done by development team
- Integration testing
  - Integration tests are the responsibility of the QC team and we do it on the level of the API
- System testing
  - System testing the responsibility of the QC team
- Acceptance testing
  - System testing the responsibility of the QC team and the client and we do ALPHA and BETA tests

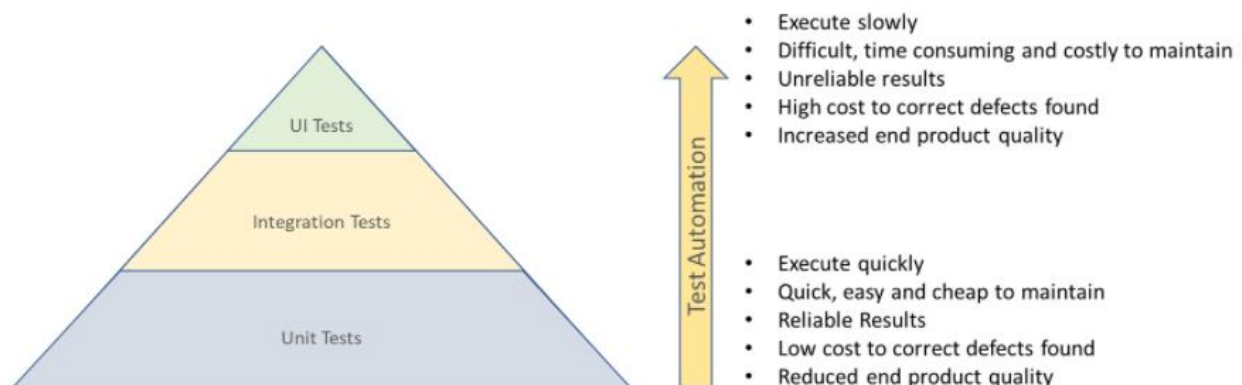
#### Test Automation strategy

- We follow test pyramid strategy not all tests will be automated from the UI level.

(20% UI Tests – 30% Integration Tests – 50 % Unit Tests)

What to be Automated in the UI level:

- Major E2E scenarios
- Smoke test suite
- Regression test suite



## LinkedIn

### Modules to be tested (In Scope)

- Login
- Signup
- Settings
- Home
- My Network
- Post
- Nonfictions
- Messaging
- Jobs
- Discover More

### Module not to be tested (Out Scope)

- None.

### Test deliverables

- Test suites
- Test cases
- Bug reports
- Execution summery reports
- Release notes file
- Test Automation script

Test activities and Schedule

-Our Testing activities during 2 weeks sprint (10 working days)

Activity	Deliverable	Date
Requirements reviewing and analysis	Email: contains any issues related to the requirement documents	Day 1
Test design	-Smoke test suite -Features test suites -Regression test suite -Test Automation script	Day 2 to day 4
Environment setup and test data prepare	-Spread sheet with all test data	Day 5
Test execution	-Bug reports -Execution summery report	Day 6 to Day7
Retest and regression test	-Update regression suite -version execution summery report -Test automation summery report	Day 7 to Day 9
Test closure	-Release notes file	Day 10

Approvals

Name	Job Title	Date	Signature