

LinkedHU CENG	Version: 1
Software Test Report	Date: 10/05/2022

LinkedHu_Ceng Software Test Report

1. Introduction

1.1 Purpose and Scope

One of the important facets of the software development life cycle is Testing. Software testing is an area that is being considered and given utmost importance in the world of fast-changing technology. There are various stages at which testing is done to ensure the quality of delivery.

This document is the software test report of the web app testing phase of the Linked_Hu software development project.

1.2 Descriptions and Abbreviations

STR	Software Test Report
UC	Use Case
FR	Functional Requirements
NFR	Non Functional Requirements
UT	Unit testing
ST	System Testing
IT	Integration testing
NFT	Non Functional Testing
WBT	White Box Testing
BBT	Black Box Testing

2. Descriptions of Test Activities

2.1. Document Security

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2.2. Data Recording, Reduction and Analysis

We used the manual testing method for testing. The major objectives of Software testing are as follows;

- Finding defects which may get created by the programmer while developing the software.
- Gaining confidence in and providing information about the level of quality
- To make sure that the end result meets the business and user requirements.
- To gain the confidence of the customers by providing them a quality product.

Our environment of testing is FR and NFR. The stages are UT ,IT, ST ,NFT and installation testing. We used WBT and BBT methods.

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3. Test Preparation

3.1. Hardware Preparation

No hardware test is prepared.

Required checks are performed to determine if the local connection is being provided.

it checks if the system is running in all web browsers

3.2. Software Preparation

The connection to the database is checked. We worked on our localhosts and Postman. Test metrics are prepared considering test coverage ,cost ,time ,quality etc. We create test cases for each use case. Test preparation standards information are searched.

3.3. Other Pre-test Preparations

Test data for each requirement was determined.

Various test scenarios are determined

test cases were generated with the contribution of each person working on the project

4. Test Results

Use Case	Test Case Description	Retest?	Number of Test	Number of non-working	Priority	The time
Login	This case is necessary for admins and users	No	2	0	High	3 min
Log Out	This is for security of registered users and registered admins	No	2	0	High	3 min
Register	Every user candidate who wants to benefit from the features of the system must first register.	No	2	0	High	5 min

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Delete Account	A person who does not want to be a member of the system. They can leave the system permanently.	No	2	0	Low	4 min
Upload Lecture notes	Academicians and Graduates should be able to upload lecture notes for students. Academician and Graduates should be able to edit and delete their own uploaded files.	Yes	5	0	High	9 min
Make announcement	Academicians and Graduates should be able to make announcements to report upcoming events. Academician and Graduates should be able to edit and delete their own announcements.	Yes	5	0	Low	10 min
User profile	Users should be able to edit the information in their profiles as they wish.	No	1	0	Medium	5 min
Forgot password	When users forget their passwords, to be able to login; After providing the necessary information to	Yes	3	0	High	5 min

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	the system, they should be able to get the password again.					
Search	This case is use for searching user	No	2	0	Medium	3 min

4.1.Criteria for Evaluating Results

The output(results) of tests should be very accurate. Maximum time for test duration should be under 20 minutes for online meeting and events testing, and equal to or under 10 minutes for the others. There is no definite maximum number for interrupts ,halts, or other system breaks,but it should not be more than a handful of times. The system response time in the case of invalid inputs for exception handling should be within minutes.

5. References

- [\[1\] What is BLACK Box Testing? Techniques, Example & Types \(guru99.com\)](#)
- [\[2\] What is WHITE Box Testing? Techniques, Example & Types \(guru99.com\)](#)
- [\[3\] Postman](#)