TEST SUMMARY REPORT

1. Introduction

This test summary report presents the overall testing activities carried out for the ICTAK Tech Blog application. The objective of testing was to validate the functionality, usability, and reliability of Admin, User, and Trainer modules, along with identifying defects impacting system behavior.

2. Test Scope

The testing scope covered the following modules:

- Admin Login and Logout

- Admin Article Management

- Common functionalities such as validation, session handling, and navigation

Both **positive and negative test scenarios** were executed based on predefined test cases.

3. Test Execution Summary

Module	Total Test Cases	Passed	Failed
Admin Login	4	4	0
Admin Articles	6	6	0
Total	**24**	**21**	**3**

4. Test Results Overview

- Most of the core functionalities across Admin, User, and Trainer modules are working as expected.

- All Admin Login and Article Management test cases passed successfully.

- Overall test execution shows good functional stability, with few validation and session-related issues.

5. Defect Summary

Severity	Count
High	5
Medium	2
Total Defects	**11**

6. Key Defects Identified

- Missing validation for mandatory fields during post creation.

- Session and authentication vulnerabilities allowing unauthorized access via direct URLs.

- Logout behavior issues where users are redirected to incorrect pages.

- Social media and footer links not functioning as expected.

- Image upload and URL validation issues.

  High-severity defects mainly relate to security, validation, and user experience, which require immediate attention before production deployment.

7. Risk and Impact

- **High Risk**: Security and authentication defects may allow unauthorized access.

- **Medium Risk**: Validation issues can lead to poor user experience and data inconsistency.

- **Low Risk**: UI-related issues like content ordering have minimal functional impact.

8. Conclusion

Testing of the ICTAK Tech Blog application was completed successfully with the execution of all planned test cases. While the majority of functionalities are stable, a few critical and medium-priority defects must be fixed to ensure application security, proper validation, and correct navigation flow. After defect resolution and re-testing, the application will be suitable for release.