Test Summary Report

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# ***Purpose***

The test summary report document demonstrates the numerous activities made both for the CURSOR eConnect Content Management System and the CURSOR eConnect News Portal. This document contains a comprehensive report of the conducted system testing activities' planning, execution, monitoring, and evaluation. This document is also necessary to identify and document all test results and reports when conducting various testing.

# ***2.*** ***Application Overview***

The CURSOR eConnect is a web-based official student publication system for the College of Information and Communications Technology. Through the Content Management System, the Editorial Board and Staff of the publication can determine the publication process workflows for CURSOR Publication. In the CMS, they can perform various system functionalities, such as managing and approving articles, managing the CURSOR Publication Editorial Board and Staff, generating a report, monitoring members' activity logs, modifying profile settings, and managing multimedia, which includes the newsletter, gallery, and videos sections. The News Portal will also be an excellent way for the publication to keep all of its written works, articles, and information accessible to a much larger audience, particularly BULSU-CICT stakeholders. All published articles and multimedia from the CMS will be displayed in the News Portal. Several modules, including Login, Registration, Administrator, and News Portal, are integrated in order to accomplish the project's objectives.

# ***3.*** ***Testing Scope***

This section outlines all details of the testing scope. This includes the in-scope and out-scope modules, as well as the list of items that will not be tested due to constraints, dependencies, and restrictions.

1. **In Scope**

Listed below are the functional testing for the modules that are included in the system testing.

* Sign in
* Registration
* Administrator (Content Management System)
* News Portal (End-User side)

1. **Out of Scope**

Listed below are the modules of the system that will not be tested.

* Performance Testing
* Unit Testing
* Integration Testing
* Hardware & any other external interfaces

1. **Items not tested**

Listed below are the items or not to be tested in the system testing.

Verification of connectivity with the third party system ‘Central repository system’ was not tested, as the connectivity could not be established due to some technical limitations. This can be verified during UAT (User Acceptance Testing) where the connectivity is available or can be established.

# ***4. Metrics***

System Testing

1. **No. of test cases planned vs executed**
2. **No. of test cases passed/failed**
3. **No of defects identified and their Status & Severity**
4. **Defects distribution – module wise**

# ***5. Types of testing performed***

1. **System Testing**

* This project utilizes system testing because it is essential for validating the complete and fully integrated software product. The primary objective of this is to evaluate the end-to-end system requirements.
* All the modules are integrated to ensure that the system's design and behavior perform as expected, which is crucial for producing a high-quality application.
* This system testing is carried out by the testing team, which helps evaluate the system's quality impartiality. Functional and non-functional testing is included.

1. **Smoke Testing**
2. **Regression Testing**

# ***6. Test Environment & Tools***

# ***7. Lessons Learnt***

# ***8. Recommendations***

# ***9. Best Practices***

# ***10. Exit Criteria***

# ***11. Conclusion/Sign Off***

# ***12. Definitions, Acronyms, and Abbreviations***