



COLLEGE OF ENGINEERING

DEPARTMENT OF SOFTWARE ENGINEERING

COURSE: Software configuration management

Title: Attendance Management System

Configuration Audit Report

SECTION: B

GROUP 3

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Configuration Audit Report

1. Introduction

This Configuration Audit was conducted to verify that the Attendance Management System complies with the approved Software Configuration Management Plan (SCMP). The audit confirms that all Configuration Items (CIs), Change Requests (CRs), baselines, and releases are consistent, complete, and traceable.

The audit consists of a Physical Configuration Audit (PCA) and a Functional Configuration Audit (FCA).

2. Physical Configuration Audit (PCA)

2.1 Objective

The objective of the Physical Configuration Audit is to ensure that all documented configuration items exist in the Git repository and match their approved versions.

2.2 PCA Activities Performed

- Checked out the BL2 baseline tag from the Git repository
- Verified presence of all CIs listed in the CI Register
- Verified that documentation and source files are under configuration control
- Verified that CR documents and Change Log are present

2.3 PCA Findings

Configuration Item	Expected	Actual	Status
SCMP document	Present	Present	Pass
CI Register	Present	Present	Pass
CR documents	Present	Present	Pass

Change Log	Present	Present	Pass
Source files (HTML, CSS, JS)	Present	Present	Pass
JSON data file	Present	Present	Pass

2.4 PCA Conclusion

The Physical Configuration Audit confirms that all configuration items defined in the CI Register and baselines are present in the repository and correctly versioned. No discrepancies were identified.

3. Functional Configuration Audit (FCA)

3.1 Objective

The objective of the Functional Configuration Audit is to confirm that all approved change requests and functional requirements have been correctly implemented.

3.2 FCA Activities Performed

- Reviewed Change Requests CR-001, CR-002, and CR-003
- Verified that affected files reflect approved changes
- Verified traceability between CRs, baselines, and releases
- Verified that the system performs the defined core function (attendance marking)

3.3 FCA Findings

Change Request	Requirement	Implementation Verified	Status
CR-001	UI improvement	Implemented in HTML/CSS	Pass
CR-002	Attendance logic update	Implemented in JavaScript	Pass
CR-003	Documentation correction	Implemented in documents	Pass

3.4 FCA Conclusion

The Functional Configuration Audit confirms that all approved change requests have been implemented correctly and meet the defined project scope. Functional behavior aligns with documented requirements.

4. Overall Audit Conclusion

Both the Physical Configuration Audit (PCA) and Functional Configuration Audit (FCA) were completed successfully. The Attendance Management System configuration is consistent, traceable, and compliant with the approved SCMP.

The system is approved for **Release v1.1**.

Audit Approval

Role	Name
SCM Manager	Bezawit Edilu
Project Manager	Betselot Tesfa