**SmartLibrary-Group1**

Repository URL: https://github.com/chief172/Assignment-1-Mini-Library-Management-System-Python-.git

Tag Name: Chief172

week4 submission

**Submitted Files:**

1. operations.py - Contains all CRUD and borrow/return functions.

2. demo.py - Demonstrates system functionality with sample inputs and outputs.

3. test.py - Includes at least 5 assert-based unit tests for validation.

4. UML.png - Hand-drawn UML diagram showing data structures and function relationships.

5. DesignRationale.pdf - Document explaining data structure choices, function design, and data integrity.

6. README.md - Instructions on how to run the system and dependencies.

7. submission.txt - Submission details and file list.

**Course:**

Object Oriented Programming

Semester: September 2025 – February 2026

**Institution:**

Limkokwing University of Creative Technology – Sierra Leone

**Submitted by:**

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Group: F

Date of Submission:

[21/10/2025]