# Kenya Payroll System (2025) - Project Report

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Course: Software Development

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## Abstract

This project implements a payroll application using Python and Tkinter. It automates payroll calculations according to Kenya's 2025 rules, including PAYE, NSSF, SHIF, and Housing Levy. The app supports export and payslip generation for academic demonstration.

## Implementation

The application uses modular functions for tax calculations, a Tkinter GUI for input and display, and file-based exports for persistence. Net-to-Gross uses a binary search algorithm to find the gross pay that yields a target net.

## Conclusion

The system meets the project objectives and is suitable for academic assessment. Further improvements could include persistent database support and unit testing.