Accounting Practice Project

Project Type: Excel-Based Accounting System

Duration: December 2024

Status: Complete & Published

GitHub: https://github.com/Arjunkori12/Accounting-and-Payroll-Project

Overview

A comprehensive accounting practice project simulating month-end operations for a 30-employee automotive dealership, demonstrating proficiency in full-cycle accounting, Canadian tax compliance, and advanced Excel automation.

My Role

Sole developer - Designed system architecture, built all Excel worksheets with automated calculations, created documentation, and published complete project for educational use.

Technical Implementation

- Built integrated Excel workbook system with 7+ worksheets

- Automated payroll calculations for 30 employees with Canadian tax deductions

- Created dynamic AR aging report using TODAY() function and conditional logic

- Implemented bank reconciliation with automated variance detection

- Developed journal entry templates with debit/credit verification

- Utilized VLOOKUP, SUMIF, pivot tables, and named ranges throughout

Business Components

- Weekly payroll processing (hourly and salaried employees)

- Accounts receivable management with collections prioritization

- Bank and credit card reconciliation procedures

- Month-end adjusting entries and trial balance

- Canadian tax compliance (HST quarterly return, WSIB annual premium, EHT calculation)

- Complex revenue transactions (vehicle sales with trade-ins and financing)

Key Achievements

✓ Zero errors in debit/credit balancing across all journal entries

✓ Accurate tax calculations matching CRA requirements

✓ Comprehensive documentation for knowledge transfer

✓ Published on GitHub with detailed README and instructions

✓ Demonstrates job-ready accounting and Excel skills

Skills Demonstrated

Accounting: Full accounting cycle, payroll, AR/AP, reconciliations, adjusting entries, financial reporting, tax compliance

Technical: Advanced Excel formulas, data analysis, automation, documentation, version control (Git/GitHub)

Business: Attention to detail, problem-solving, process documentation, regulatory compliance