

Software Requirements Specification (SRS)

Batch Payroll Application

1. Introduction

The Batch Payroll Application automates employee payment processing, ensuring accurate and timely pay for hourly, salaried, and commission-based employees. It manages deductions (union dues, service charges) and supports multiple payment methods (direct deposit, paycheck, pickup).

2. Overall Description

The system retrieves employee records, calculates gross and net pay, applies overtime or commissions, deducts dues, and executes payments. It integrates with bank and union systems for fund transfer and deduction reporting.

3. Functional Requirements

- Store employee details, timecards, and sales data.
 - Calculate pay (hourly, salaried, commission).
 - Apply overtime (1.5× after 8 hrs/day) and deductions.
 - Process payments (deposit, mail, pickup).
 - Generate reports for payments and deductions.
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4. Non-Functional Requirements

- **Accuracy:** 100% correct calculations.
 - **Security:** Data encryption and restricted access.
 - **Performance:** Complete batch run within minutes.
 - **Reliability:** Automatic daily operation.
 - **Usability:** Simple and clear interface.
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5. External Interfaces

- **Database:** Stores all employee and payroll data.
- **Bank System:** Handles direct deposits.
- **Union System:** Manages dues and service charges.
- **Paymaster:** Issues physical paychecks.