Final Technical Report

Metadata

Position

{

"name": "Software Engineer",

"description": "Responsible for developing and maintaining software applications.",

"department\_fk": 3

}

User

{

"UUID": "550e8400-e29b-41d4-a716-446655440000",

"name": "John Doe",

"password": "password123",

"username": "johndoe",

"role\_fk": 1

}

Employee

{

"UUID": "550e8400-e29b-41d4-a716-446655440000",

"employee\_code": "12345678",

"name": "John Doe",

"position\_fk": 1,

"lastname": "Doe",

"email": "john.doe@example.com",

"status\_fk": 1,

"bank\_account": "1234567890",

"salary": 50000.0,

"phone": "123-456-7890"

}

Allowance

{

"name": "Housing Allowance",

"description": "Monthly housing allowance."

}

Deduction

{

"name": "Tax Deduction",

"description": "Monthly tax deduction."

}

Employee Allowance

{

"employee\_fk": "550e8400-e29b-41d4-a716-446655440000",

"allowance\_fk": 1,

"payroll\_type\_fk": 1,

"effective\_date": "2024-01-01",

"date\_created": 1704067200,

"amount": 500.0

}

Employee Deduction

{

"employee\_fk": "550e8400-e29b-41d4-a716-446655440000",

"deduction\_fk": 1,

"payroll\_type\_fk": 1,

"amount": 200.0,

"effective\_date": "2024-01-01",

"date\_created": 1704067200

}

Employee Extra Hours

{

"hours": 5,

"amount": 150.0,

"effective\_date": "2024-01-01",

"date\_created": 1704067200,

"employee\_fk": "550e8400-e29b-41d4-a716-446655440000",

"payroll\_type\_fk": 1

}

Payroll

{

"paroll\_type\_fk": 1,

"reference\_number": "12345678",

"status": 1,

"date\_from": "2024-01-01",

"date\_to": "2024-01-31",

"date\_created": 1704067200

}

Payslip

{

"payroll\_fk": 1,

"employee\_fk": "550e8400-e29b-41d4-a716-446655440000",

"present": 20,

"absent": 0,

"salary": 5000.0,

"allowance\_amount": 500.0,

"net": 5500.0,

"deduction\_amount": 200.0,

"date\_created": "2024-01-01"

}

Department

{

"name": "Engineering",

"description": "Handles all engineering tasks."

}

User Activity Log

{

"user\_fk": "550e8400-e29b-41d4-a716-446655440000",

"action": "login",

"action\_timestamp": "2024-01-01T00:00:00"

}