

Hyacc domain model

```

classDiagram
    class BusinessType {
        created_at datetime
        deleted boolean
        description string
        enterprise_number string(13)
        fiscal_year integer
        founded_date date
        id integer PK
        lock_version integer
        logo string
        name string
        payday string
        start_month_of_fiscal_year integer
        type_id integer
        updated_at datetime
    }
    class FinancialStatementHeader {
        branch_id integer
        company_id integer
        created_at datetime
        deleted boolean
        fiscal_year integer
        id integer PK
        max_node_level integer
        report_style integer
        report_type integer
        updated_at datetime
    }
    class InputFrequency {
        created_at datetime
        frequency integer
        id integer PK
        input_type integer(1)
        input_value string(30)
        updated_at datetime
        user_id integer
    }
    class Journal {
        amount integer
        company_id integer
        create_user_id integer
        created_at datetime
        day integer
        deleted boolean
        depreciation_id integer
        finder_key string
        fiscal_year_id integer
        id integer PK
        housework_id integer
        lock_version integer
        remarks string
        reset_password_sent_at datetime
        transfer_from_detail_id integer
        transfer_from_id integer
        update_user_id integer
        updated_at datetime
        ym integer
    }
    class Profile {
        account_count_of_frequencies integer
        company_id integer
        created_at datetime
        crypted_google_password string
        current_sign_in_at datetime
        current_sign_in_ip string
        deleted boolean
        email string
        encrypted_password string
        google_account string
        id integer PK
        last_sign_in_at datetime
        last_sign_in_ip string
        login_id string
        otp_secret_key string
        remember_created_at datetime
        reset_password_sent_at datetime
        reset_password_token string
        salt string
        second_factor_attempts_count integer
        show_details boolean
        sign_in_count integer
        slips_per_page integer
        updated_at datetime
        use_two_factor_authentication boolean
        yahoo_app_id string
    }
    class Sequence {
        created_at datetime
        name string(32)
        section string(32)
        updated_at datetime
        value integer
    }
    class Company {
        admin_email string
        business_type_id integer FK
        created_at datetime
        deleted boolean
        enterprise_number string(13)
        fiscal_year integer
        founded_date date
        id integer PK
        lock_version integer
        logo string
        name string
        payday string
        start_month_of_fiscal_year integer
        type_id integer
        updated_at datetime
    }
    class FinancialStatement {
        account_id integer
        account_name string
        amount integer
        created_at datetime
        financial_statement_header_id integer FK
        id integer PK
        updated_at datetime
        ym integer
    }
    class BusinessOffice {
        address1 string
        address2 string
        company_id integer FK
        created_at datetime
        id integer PK
        lock_version integer
        name string
        prefecture_code string(2)
        prefecture_name string(18)
        tel string(15)
        updated_at datetime
        zip_code string(6)
    }
    class FiscalYear {
        carried_at datetime
        carry_status boolean
        closing_status integer
        company_id integer FK
        consumption_entry_type integer(1)
        created_at datetime
        deleted boolean
        fiscal_year integer
        id integer PK
        lock_version integer
        tax_management_type integer
        updated_at datetime
    }
    class User {
        account_count_of_frequencies integer
        company_id integer FK
        created_at datetime
        crypted_google_password string
        current_sign_in_at datetime
        current_sign_in_ip string
        deleted boolean
        email string
        encrypted_password string
        google_account string
        id integer PK
        last_sign_in_at datetime
        last_sign_in_ip string
        login_id string
        otp_secret_key string
        remember_created_at datetime
        reset_password_sent_at datetime
        reset_password_token string
        salt string
        second_factor_attempts_count integer
        show_details boolean
        sign_in_count integer
        slips_per_page integer
        updated_at datetime
        use_two_factor_authentication boolean
        yahoo_app_id string
    }
    class Employee {
        address string
        birth date
        company_id integer FK
        created_at datetime
        deleted boolean
        employment_date date
        exclusive boolean
        first_name string
        id integer PK
        last_name string
        my_number string(12)
        num_of_dependent integer
        position string
        sex string(1)
        updated_at datetime
        user_id integer FK
        zip_code string(8)
    }
    class Customer {
        address string
        code string
        created_at datetime
        deleted boolean
        disabled boolean
        formal_name string
        id integer PK
        is_investment boolean
        is_order_placement boolean
        name string
        updated_at datetime
    }
    class Rent {
        address string
        created_at datetime
        customer_id integer FK
        id integer PK
        name string
        rent_type integer
        status integer
        updated_at datetime
        ymd_end integer
        ymd_start integer
        zip_code string(7)
    }
    class Bank {
        code string(4)
        created_at datetime
        deleted boolean
        disabled boolean
        id integer PK
        name string
        updated_at datetime
    }
    class BankOffice {
        address string
        bank_id integer FK
        code string(10)
        created_at datetime
        deleted boolean
        disabled boolean
        id integer PK
        name string
        updated_at datetime
    }
    class BankAccount {
        bank_id integer FK
        bank_office_id integer FK
        code string(10)
        created_at datetime
        deleted boolean
        financial_account_type integer
        holder_name string
        id integer PK
        name string
        updated_at datetime
    }
    class Investment {
        bank_account_id integer FK
        charges integer
        created_at datetime
        customer_id integer FK
        day integer
        for_what integer
        id integer PK
        journal_detail_id integer FK
        shares integer
        trading_value integer
        updated_at datetime
        ym integer
    }
    class Receipt {
        created_at datetime
        deleted boolean
        file string
        id integer PK
        journal_header_id integer FK
        original_filename string
        updated_at datetime
    }
    class TaxAdminInfo {
        checked boolean
        created_at datetime
        id integer PK
        journal_header_id integer FK
        should_include_tax boolean
        updated_at datetime
    }
    class JournalHeader {
        amount integer
        company_id integer FK
        create_user_id integer
        created_at datetime
        day integer
        deleted boolean
        depreciation_id integer FK
        finder_key string
        fiscal_year_id integer
        housework_id integer FK
        id integer PK
        lock_version integer
        remarks string
        slip_type integer
        transfer_from_detail_id integer
        transfer_from_id integer
        update_user_id integer
        updated_at datetime
        ym integer
    }
    class JournalDetail {
        account_id integer
        account_name string
        amount integer
        branch_id integer
        branch_name string
        created_at datetime
        dc_type integer
        detail_no integer
        detail_type integer
        housework_detail_id integer FK
        id integer PK
        is_allocated_assets boolean
        is_allocated_cost boolean
        journal_header_id integer FK
        main_detail_id integer FK
        note string
        settlement_type integer(2)
        social_expense_number_of_people integer
        sub_account_id integer
        sub_account_name string
        tax_rate decimal(4,3)
        tax_type integer
        updated_at datetime
    }
    class Housework {
        company_id integer
        created_at datetime
        fiscal_year integer
        id integer PK
        updated_at datetime
    }
    class HouseworkDetail {
        account_id integer FK
        business_ratio decimal(5,2)
        created_at datetime
        housework_id integer FK
        id integer PK
        sub_account_id integer
        updated_at datetime
    }
    class Asset {
        account_id integer FK
        amount integer
        branch_id integer FK
        branch_name string
        code string(8)
        created_at datetime
        day integer(2)
        deleted boolean
        depreciation_limit integer
        depreciation_method integer(1)
        durable_years integer(2)
        end_fiscal_year integer
        id integer PK
        journal_detail_id integer FK
        lock_version integer
        name string
        remarks string
        start_fiscal_year integer
        status integer(1)
        sub_account_id integer FK
        sub_account_name string
        updated_at datetime
        ym integer(8)
    }
    class SubAccount {
        account_id integer FK
        code string
        created_at datetime
        deleted boolean
        id integer PK
        name string
        social_expense_number_of_people_required boolean
        sub_account_type integer(2)
        updated_at datetime
    }
    class SimpleSlipTemplate {
        account_id integer FK
        amount integer
        branch_id integer FK
        branch_name string
        code string(8)
        created_at datetime
        day integer(2)
        deleted boolean
        depreciation_method integer(1)
        durable_years integer(2)
        end_fiscal_year integer
        id integer PK
        journal_detail_id integer FK
        lock_version integer
        name string
        remarks string
        start_fiscal_year integer
        status integer(1)
        sub_account_id integer FK
        sub_account_name string
        updated_at datetime
        ym integer(8)
    }
    class SimpleSlipSetting {
        account_id integer FK
        created_at datetime
        id integer PK
        shortcut_key string(10)
        updated_at datetime
        user_id integer FK
    }
    class Branch {
        business_office_id integer FK
        code string
        company_id integer FK
        cost_ratio integer
        created_at datetime
        deleted boolean
        id integer PK
        name string
        parent_id integer FK
        path string
        sub_account_id integer
        updated_at datetime
        zip_code string(6)
    }
    class BranchEmployee {
        branch_id integer FK
        cost_ratio integer
        created_at datetime
        default_branch boolean
        employee_id integer FK
        id integer PK
        updated_at datetime
    }
    class InhabitantTax {
        amount integer
        created_at datetime
        employee_id integer FK
        id integer PK
        updated_at datetime
        ym integer
    }
    class Exemption {
        basic integer
        company_id integer
        created_at datetime
        dependents integer
        disabled_persons integer
        earthquake_insurance_premium integer
        employee_id string FK
        id integer PK
        life_insurance_premium_old integer
        small_scale_mutual_id integer
        special_tax_for_spouse integer
        spouse integer
        spouse_name string
        updated_at datetime
        yyyy integer
    }
    class Career {
        created_at datetime
        customer_id integer FK
        customer_name string
        du_skill string
        description string
        employee_id integer FK
        end_to date
        hardware_skill string
        id integer PK
        language_skill string
        os_skill string
        other_skill string
        process string
        project_name string
        project_size string
        project_start date
        role string
        start_from date
        updated_at datetime
    }
    class Payroll {
        commission_journal_header_id integer FK
        created_at datetime
        credit_account_type_of_income_tax string(1)
        credit_account_type_of_inhabitant_tax string(1)
        credit_account_type_of_insurance string(1)
        credit_account_type_of_pension string(1)
        days_of_work integer
        employee_id integer FK
        hours_of_day_off_work integer
        hours_of_early_for_work integer
        hours_of_late_night_work integer
        hours_of_work integer
        id integer PK
        is_bonus boolean
        pay_journal_header_id integer FK
        payroll_journal_header_id integer FK
        updated_at datetime
        ym integer
    }
    BusinessType --> Company
    FinancialStatementHeader --> FinancialStatement
    InputFrequency --> Journal
    Journal --> Profile
    Profile --> Sequence
    Company --> FinancialStatement
    Company --> BusinessOffice
    Company --> FiscalYear
    Company --> User
    Company --> Employee
    Company --> Customer
    Company --> Rent
    Company --> Bank
    Company --> BankOffice
    Company --> BankAccount
    Company --> Investment
    Company --> Receipt
    Company --> TaxAdminInfo
    Company --> JournalHeader
    Company --> JournalDetail
    Company --> Housework
    Company --> HouseworkDetail
    Company --> SimpleSlipTemplate
    Company --> SimpleSlipSetting
    Company --> Branch
    Company --> BranchEmployee
    Company --> InhabitantTax
    Company --> Exemption
    Company --> Career
    Company --> Payroll
    BusinessOffice --> Branch
    FiscalYear --> Branch
    User --> Employee
    User --> Customer
    User --> Rent
    User --> Bank
    User --> BankOffice
    User --> BankAccount
    User --> Investment
    User --> Receipt
    User --> TaxAdminInfo
    User --> JournalHeader
    User --> JournalDetail
    User --> Housework
    User --> HouseworkDetail
    User --> SimpleSlipTemplate
    User --> SimpleSlipSetting
    User --> Branch
    User --> BranchEmployee
    User --> InhabitantTax
    User --> Exemption
    User --> Career
    User --> Payroll
    Employee --> Branch
    Employee --> BranchEmployee
    Employee --> InhabitantTax
    Employee --> Exemption
    Employee --> Career
    Employee --> Payroll
    Customer --> Rent
    Customer --> Bank
    Customer --> BankOffice
    Customer --> BankAccount
    Customer --> Investment
    Customer --> Receipt
    Customer --> TaxAdminInfo
    Customer --> JournalHeader
    Customer --> JournalDetail
    Customer --> Housework
    Customer --> HouseworkDetail
    Customer --> SimpleSlipTemplate
    Customer --> SimpleSlipSetting
    Customer --> Branch
    Customer --> BranchEmployee
    Customer --> InhabitantTax
    Customer --> Exemption
    Customer --> Career
    Customer --> Payroll
    Rent --> Bank
    Rent --> BankOffice
    Rent --> BankAccount
    Rent --> Investment
    Rent --> Receipt
    Rent --> TaxAdminInfo
    Rent --> JournalHeader
    Rent --> JournalDetail
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    Rent --> HouseworkDetail
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    Rent --> SimpleSlipSetting
    Rent --> Branch
    Rent --> BranchEmployee
    Rent --> InhabitantTax
    Rent --> Exemption
    Rent --> Career
    Rent --> Payroll
    Bank --> BankOffice
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    BankOffice --> BranchEmployee
    BankOffice --> InhabitantTax
    BankOffice --
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