

Expense Tracker Database Schema (DBML)

Generated by ChatGPT

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DBML Code

```
Table Currency {
    currency_code char(3) [pk]
    symbol varchar(5)
    name varchar(50)
}

Table User {
    user_id int [pk, increment]
    full_name varchar(100)
    email varchar(100) [unique]
    password_hash varchar(255)
    currency_code char(3)
    created_at datetime
}

Table Category {
    category_id int [pk, increment]
    user_id int
    name varchar(50)
    description varchar(255)
    is_default boolean
    color_code varchar(7)
}

Table Expense {
    expense_id int [pk, increment]
    user_id int
    category_id int
    amount decimal(10,2)
    expense_date date
    description text
    note varchar(255)
    created_at datetime
    updated_at datetime
}

Table Budget {
    budget_id int [pk, increment]
    user_id int
    category_id int
    month int
    year int
    amount_limit decimal(10,2)
    created_at datetime
}
```

```
updated_at datetime
Indexes {
    (user_id, category_id, month, year) [unique]
}
}

Ref: User.currency_code > Currency.currency_code
Ref: Category.user_id > User.user_id
Ref: Expense.user_id > User.user_id
Ref: Expense.category_id > Category.category_id
Ref: Budget.user_id > User.user_id
Ref: Budget.category_id > Category.category_id
```