SmartExpense Tracker Database Diagram

Legend
- 🔴 Transactional Table
- 🔵 Analytics Table
- 🟡 User Table

User Table

User

PK	user_ID	int
	user_Name	String

Credentials

PK	credential_ID	int
FK	user_ID	int
	password_hash	String
	user_Email	String
Key	created_at	DateTime
	last_login	DateTime
Key	user_Type	String

Transaction Table

Expense

FK	expense_ID	int
	amount_Spent	Double
FK	category	String
PK	user_ID (int)	Int
	date (date)	Datetime
	note	String

Expense_Category

PK	expense_Category_ID	int
FK	category	String
	category (string)	String

Analytics Tables

Budget

PK	budget_ID	int
FK	user_ID	Type
	weekly_Amount	double
	monthly_Amount	double
	annual_Amount	double
	alert_Type	ENUM