

Many transactions may belong to many different categories.

The user entity corresponds to users of the system where each user is associated with an external OAuth 2.0 provider.

user	
PK	<u>user_id: UUID</u>
IX1	created: TIMESTAMP
UK1	external_key: UUID
UK2	oath_key: VARCHAR(30)

transaction	
PK	<u>transaction_id: UUID</u>
IX1	created: TIMESTAMP
FK3	account_id: UUID
FK2	category_id:
FK1	user_id: integer
	note: NVARCHAR(2000)
	amount:: VARCHAR(30)
	type: VARCHAR(100)

category	
PK	<u>category_id: UUID</u>
FK1	user_id: UUID
	name: VARCHAR(100)
FK2	account_id: UUID
FK3	transaction_id: UUID

An account may belong in many different categories.

An account can have many transaction types

A user can have many rows of history data.

history	
PK	<u>history_id: UUID</u>
IX1	created: TIMESTAMP
UK1	external_key: UUID
FK1	user_id: UUID
FK2	account_id: UUID
FK3	transaction_id: UUID
FK4	category_id : UUID
FK3	transaction_id: UUID

Many accounts can be saved to a users histroy

account	
PK	<u>account_id: UUID</u>
IX1	created: TIMESTAMP
	name: VARCHAR(100)
	outgoing: numeric
IX3	spending_type: numeric
FK1	user_id: UUID