

User	
PK	<u>user_id int (auto-increment) NOT NULL</u>
	username char(50) unique NOT NULL
	email varchar(100) NOT NULL
	password_hash varchar(255) NOT NULL
	created_at timestamp NOT NULL
	updated_at timestamp NOT NULL

Account	
PK	<u>account_id int (auto-increment) NOT NULL</u>
FK1	user_id int NOT NULL
	name varchar(100) NOT NULL
	account_type varchar(50) NOT NULL
	balance dec(10,2) NOT NULL
	institution varchar(100) NOT NULL
	created_at timestamp NOT NULL
	updated_at timestamp NOT NULL

Category	
PK	<u>category_id int (auto increment) NOT NULL</u>
	name varchar(100) NOT NULL
	type varchar(20) NOT NULL
	description text
FK	parent_category_id int

Transaction	
PK	<u>transaction_id int (auto-increment) NOT NULL</u>
FK1	account_id int NOT NULL
FK2	category_id int NOT NULL
	amount decimal(10,2) NOT NULL
	transaction_type varchar(10) NOT NULL
	transaction_date timestamp NOT NULL
	description text
FK3	recurring_transaction_id int
	created_at timestamp NOT NULL
	updated_at timestamp NOT NULL

Budget	
PK	<u>budget_id int (auto increment) NOT NULL</u>
FK1	account_id int NOT NULL
FK2	category_id int NOT NULL
	period date NOT NULL
	budget_amount dec(10,2) NOT NULL
	created_at timestamp NOT NULL
	updated_at timestamp NOT NULL

RecurringTransaction	
PK	<u>recurring_id int (auto increment) NOT NULL</u>
FK1	account_id int NOT NULL
FK2	category_id int NOT NULL
	amount dec(10,2) NOT NULL
	frequency varchar(20) NOT NULL
	next_due_date timestamp NOT NULL
	description text
	created_at timestamp NOT NULL
	updated_at timestamp NOT NULL