

Layouts

1. Sample Layout with Tools1

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transactions		
✖ 🔑 id		int
✖ 🔗 user_id		int
✖ amount	decimal(10,2)	
✖ transaction_type	enum('income','expense')	
✖ category_id		int
✖ currency_code	varchar(3)	
✖ transaction_date	date	
✖ description	timestamp	
✖ created_at	int	

users		
✖ 🔑 id		int ✔
✖ username	varchar(50)	
✖ 🔗 email	varchar(100)	
✖ password	varchar(255)	
✖ account_type	enum('individual','bu...')	
✖ created_at	timestamp	
✖ updated_at	timestamp	

budget_categories		
✖ 🔑 id		int
✖ user_id		int
✖ category_name	varchar(100)	
✖ budget_limit	decimal(10,2)	
✖ created_at	timestamp	

currencies		
✖ 🔑 id		int
✖ currency_code	varchar(3)	
✖ 🔗 currency_name	varchar(50)	
✖ exchange_rate	decimal(10,6)	
✖ last_updated	timestamp	

password_resets		
✖ 🔑 id		int
✖ email	varchar(255)	
✖ token	varchar(255)	
✖ expires_at	datetime	

goals		
✖ 🔑 id		int
✖ user_id		int
✖ goal_name	varchar(100)	
✖ target_amount	decimal(10,2)	
✖ current_amount	decimal(10,2)	
✖ target_date	date	
✖ created_at	timestamp	

Sample Layout with Tools

Table budget_categories		
* Pk	id	int
*	user_id	int
*	category_name	varchar(100)
*	budget_limit	decimal(10,2)
*	created_at	timestamp
Indexes		
Pk	pk_budget_categories	id

Table currencies		
* Pk	id	int
*	currency_code	varchar(3)
* Unq	currency_name	varchar(50)
*	exchange_rate	decimal(10,6)
*	last_updated	timestamp
Indexes		
Pk	pk_currencies	id
Unq	currency_name	currency_name

Table goals		
* Pk	id	int
*	user_id	int
*	goal_name	varchar(100)
*	target_amount	decimal(10,2)
*	current_amount	decimal(10,2)
*	target_date	date
*	created_at	timestamp
Indexes		
Pk	pk_goals	id

Table password_resets		
* Pk	id	int
*	email	varchar(255)
*	token	varchar(255)
*	expires_at	datetime
Indexes		
Pk	pk_password_resets	id

Table transactions		
* Pk	id	int
* Idx	user_id	int
*	amount	decimal(10,2)
*	transaction_type	enum('income','expense')
*	category_id	int
*	currency_code	varchar(3)
*	transaction_date	date
*	description	timestamp
*	created_at	int
Indexes		
Pk	pk_transactions	id
	user	user_id

Table transactions

Foreign Keys

user (user_id) ref users (id)

Table users

* Pk	id	int
*	username	varchar(50)
* Unq	email	varchar(100)
*	password	varchar(255)
*	account_type	enum('individual','business')
*	created_at	timestamp
*	updated_at	timestamp
Indexes		
Pk	pk_users	id
Unq	email	email