AntiPanel SMM Database ERD

payment_processors

Column	Type
id PK	SERIAL
name	VARCHAR
code UNIQUE	VARCHAR
website	VARCHAR
api_key	VARCHAR
api_secret	VARCHAR
config_json	JSONB
min_amount	DECIMAL
max_amount	DECIMAL
fee_percentage	DECIMAL
fee_fixed	DECIMAL
is_active	BOOLEAN
sort_order	INTEGER

invoices

Column	Type
id PK	BIGSERIAL
user_id FK	BIGINT
processor_id FK	INTEGER
processor_invoice_id	VARCHAR
amount	DECIMAL
fee	DECIMAL
net_amount	DECIMAL
currency	VARCHAR
status	invoice_status_enum
payment_url	VARCHAR
paid_at	TIMESTAMPTZ
created_at	TIMESTAMPTZ
updated_at	TIMESTAMPTZ

users

Column	Type
id PK	BIGSERIAL
email UNIQUE	VARCHAR
password_hash	VARCHAR
role	user_role_enum
department	VARCHAR
balance	DECIMAL
is_banned	BOOLEAN
banned_reason	TEXT
last_login_at	TIMESTAMPTZ
login_count	INTEGER
created_at	TIMESTAMPTZ
updated_at	TIMESTAMPTZ

transactions

Column	Type
id PK	BIGSERIAL
user_id FK	BIGINT
type	transaction_type_enum
amount	DECIMAL
balance_before	DECIMAL
balance_after	DECIMAL
reference_type	VARCHAR
reference_id	BIGINT
description	VARCHAR
created_at	TIMESTAMPTZ

order_refills

Column	Type
id PK	BIGSERIAL
order_id FK	BIGINT
provider_refill_id	VARCHAR
quantity	INTEGER
status	refill_status_enum
created_at	TIMESTAMPTZ
completed_at	TIMESTAMPTZ

service_types

Column	Type
id PK	SERIAL
category_id FK	INTEGER
name	VARCHAR
slug	VARCHAR
sort_order	INTEGER
is_active	BOOLEAN

services

Column	Type
id PK	SERIAL
category_id FK	INTEGER
service_type_id FK	INTEGER
provider_service_id FK	INTEGER
name	VARCHAR
description	TEXT
quality	service_quality_enum
speed	service_speed_enum
min_quantity	INTEGER
max_quantity	INTEGER
price_per_k	DECIMAL
refill_days	INTEGER
average_time	VARCHAR
is_active	BOOLEAN
sort_order	INTEGER
created_at	TIMESTAMPTZ
updated_at	TIMESTAMPTZ

orders

Column	Type
id PK	BIGSERIAL
user_id FK	BIGINT
service_id FK	INTEGER
service_name	VARCHAR
provider_service_id FK	INTEGER
provider_order_id	VARCHAR
target	VARCHAR
quantity	INTEGER
start_count	INTEGER
remains	INTEGER
status	order_status_enum
price_per_k	DECIMAL
cost_per_k	DECIMAL
total_charge	DECIMAL
total_cost	DECIMAL
profit	DECIMAL
is_refillable	BOOLEAN
refill_days	INTEGER
refill_deadline	TIMESTAMPTZ
created_at	TIMESTAMPTZ
completed_at	TIMESTAMPTZ
updated_at	TIMESTAMPTZ

categories

Column	Type
id PK	SERIAL
name UNIQUE	VARCHAR
slug UNIQUE	VARCHAR
icon_url	VARCHAR
sort_order	INTEGER
is_active	BOOLEAN
created_at	TIMESTAMPTZ

providers

Column	Type
id PK	SERIAL
name	VARCHAR
website	VARCHAR
api_url	VARCHAR
api_key	VARCHAR
is_active	BOOLEAN
balance	DECIMAL
created_at	TIMESTAMPTZ
updated_at	TIMESTAMPTZ

provider_services

Column	Type
id PK	SERIAL
provider_id FK	INTEGER
provider_service_id	VARCHAR
name	VARCHAR
min_quantity	INTEGER
max_quantity	INTEGER
cost_per_k	DECIMAL
refill_days	INTEGER
is_active	BOOLEAN
last_synced_at	TIMESTAMPTZ

Relationships:
- "1:N processor_id"
- "1:N user_id" (invoices → users)
- "1:N user_id" (users → transactions)
- "1:N user_id" (users → orders)
- "1:N order_id" (orders → order_refills)
- "1:N service_type_id"
- "1:N service_id"
- "1:N category_id" (service_types → categories)
- "1:N category_id" (categories → services)
- "1:N provider_service_id" (provider_services → services)
- "1:N provider_service_id" (provider_services → orders)
- "1:N provider_id"