# Tabelas

- users
- products
- reviews
- totp_temp
- emergency_codes
- *_cart
- all_orders
- *_orders

# Atributos

- **users**
  - [PK] id
  - username
  - password
  - reset_token
  - reset_token_timestamp
  - email
  - secret_key
  - secret_key_timestamp
  - admin
- **products**
  - [PK] id
  - name
  - description
  - price
  - category
  - stock
- **reviews**
  - [PK] id
  - product_id
  - user_id
  - rating
  - review
- **totp_temp**
  - [PK] id
  - username
  - secret_key
  - secret_key_timestamp
  - email
  - password

- ➤ **emergency_codes**
  - [PK] id
  - code
  - born
- ➤ **\*_cart**
  - [PK] product_id
  - quantity
- ➤ **all_orders**
  - [PK] id
  - user_id
  - order_date
- ➤ **\*_orders**
  - [PK] id
  - products
  - total_price,
  - shipping_address
  - order_date

## Plano para uma implementação melhorada

- ➤ **users**
  - [PK] user_id (INT NOT NULL)
  - username (VARCHAR(255) NOT NULL)
  - hashed_password (VARCHAR(255) NOT NULL)
  - password_reset_token (VARCHAR(255))
  - password_reset_token_timestamp (DATETIMEOFFSET)
  - email (VARCHAR(255) NOT NULL)
  - [FK] cart_id (INT NOT NULL)
  - [FK] emergency_codes_set_id (INT NOT NULL)
  - totp_secret_key (VARCHAR(255) NOT NULL)
  - totp_secret_key_timestamp (DATETIMEOFFSET NOT NULL)
  - admin_role (BIT NOT NULL)
- ➤ **products**
  - [PK] product_id (INT NOT NULL)
  - name (VARCHAR(255) NOT NULL)
  - description (VARCHAR(255) NOT NULL)
  - price (MONEY NOT NULL)
  - category (VARCHAR (255) NOT NULL)
  - stock (INT NOT NULL)
- ➤ **reviews**
  - [PK] review_id (INT NOT NULL)
  - [FK ]product_id (INT NOT NULL)
  - [FK] user_id (INT NOT NULL)
    rating (INT NOT NULL)
  - review (VARCHAR(255))

- **emergency_codes**
  - [PK] emergency_codes_set_id (INT NOT NULL)
  - code (INT NOT NULL)
  - code_valid(BIT NOT NULL)
  - emergency_codes_set_timestamp (DATETIMEOFFSET NOT NULL)
- **cart**
  - [PK] cart_id (INT NOT NULL)
  - [FK] user_id (INT NOT NULL)
  - [FK] product_id (INT NOT NULL)
  - quantity (INT NOT NULL)
- **orders**
  - [PK] order_id (INT NOT NULL)
  - [FK] user_id (INT NOT NULL)
  - order_date (DATETIMEOFFSET  NOT NULL)
  - products (json com products:quantity) (será que podemos usar a instância de um product, da tabela products?)
  - total_price (FLOAT NOT NULL)
  - shipping_addr (VARCHAR(255) NOT NULL)