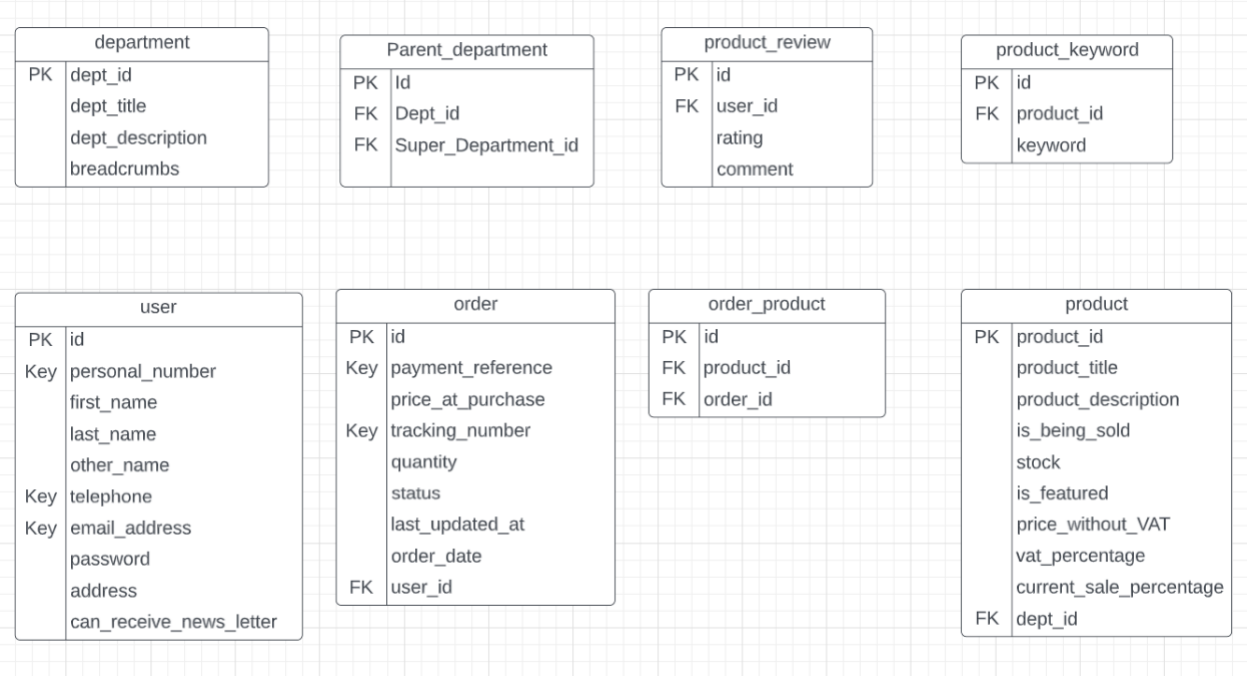

The model consists primarily of eight tables:

Table 1: Department

Each department's details are stored here. It consists of four main attributes.

- Dept_title: Contains the title of each department
- Dept_id; Every department has a unique id and this field contains that id. This is the primary key for this table
- Description: Contains the description of each department
- Breadcrumbs: Contains the breadcrumb of each department

Table 2: Parent Department

The purpose of this table is to store the relationship between the child department and its parent department. Three attributes are associated with it.

- Super_department_id: To store the parent department id of each child department
- Dept_id: It contains the id of each department. It is a foreign key in this table and represents the relationship between the Department table and the Parent department table.
- Id: Every entry in the table has got a unique id. It acts as the primary key of this table.

Table 3: Product

Each product's information can be found in this table. It has 11 attributes.

- Product_id: It is the primary of this table. It represents the unique id that every product has got.
- Breadcrumbs: Contains the breadcrumbs associated with each product
- Prod_title: Stores the tile of each product
- Product-desc: Stores the description of each product
- Is_being_sold: it represents whether the product is sold or not
- Stocks: Contains the quantity of each product left
- Is_featured: represents whether the product is a featured product or not
- Price_without_VAT: Stores the rate of each product without VAT
- VAT_percentage: Stores the VAT percentage of each product
- Current_sale_percentage: if any product is having any discounts then this field is used to store the discount percentage
- Dept_id: It stores the id of the department under which the product comes. It is used to make a connection between the product table and the department table.

Table 4: Product Keyword

Using some common keywords, users can identify products when they search for them. This table is used to store those keywords and it has got 3 attributes, which are:

- Id: Every entry has a unique id. This is the primary key of this table
- Product_id: It stores the id of each product. It is used to form a connection between the product table and this table.
- Keyword: Contains the keyword corresponding to each product

Table 5: User

Each user's details are stored in this table, which has 10 attributes.

- Personal number: Contains the personal number of each user and it should be unique.
- User id: Every user has got a unique id and this field contains that id. It is the primary key of this table
- First name: Stores the first name of the user
- Last name: Stores the last name of the user
- other names Stores the middle name of the user
- Telephone: Used to store the telephone number of each user and no two users can have the same telephone number
- email address: Used for storing the email address of the users and like telephone number it also should be unique
- Password: Evey user should have a password and this attribute stores the password of each user

- Address: Stores the address of the user
- Can receive newsletter: if the user is willing to receive the newsletter or not is represented by this attribute

Table 6: Order

This table contains all the details about the orders.

- Order_id: Each order has got a unique id. This attribute contains that id. This is the primary key for this table.
- Payment_reference: Contains the payment reference number.
- Price_at_purchase: Stores the price at which the product was purchased
- Tracking_number: Used to store the tracking number of each product. This should be unique for each order
- Quantity: Contains the details of order quantity
- Status: It stores the details about the status of the order.
- Last_updated_at: This attribute is used to store when the last update is made on the status field
- Order_date: It contains the date of purchase
- User_id: It stores the id of the user who ordered a product. This attribute is a foreign key and it is used to connect to the user table

Table 7: Order_product

- Order id: It stores the order id
- Product id: It stores the product id

In this table, a primary key is a combination of both these attributes.

Table 8: Reviews

Detailed information about user reviews can be found in this table

- Product id: A foreign key used to make a connection to the product table
- User id: Another foreign key in this table used to connect this table and the user table
- Rating: It contains the number of stars the user given as a rating for a particular product
- Comment: It contains the comment made by each user on a product.

Diagram