Initial concept

I defined the information I would like to have in order to find a book in my library.

```
                              ( id_book )


     ( genre )      ( publisher )      ( book_title )      ( illustrated_tf )


     ( language )   ( author )         ( total_pages )     ( base_price )



( order_date )  ( final_price )  ( store )  ( pay_method )  ( discount )



        ( last_read_page )  ( read_count )  ( read_start_date )  ( read_end_date )
```
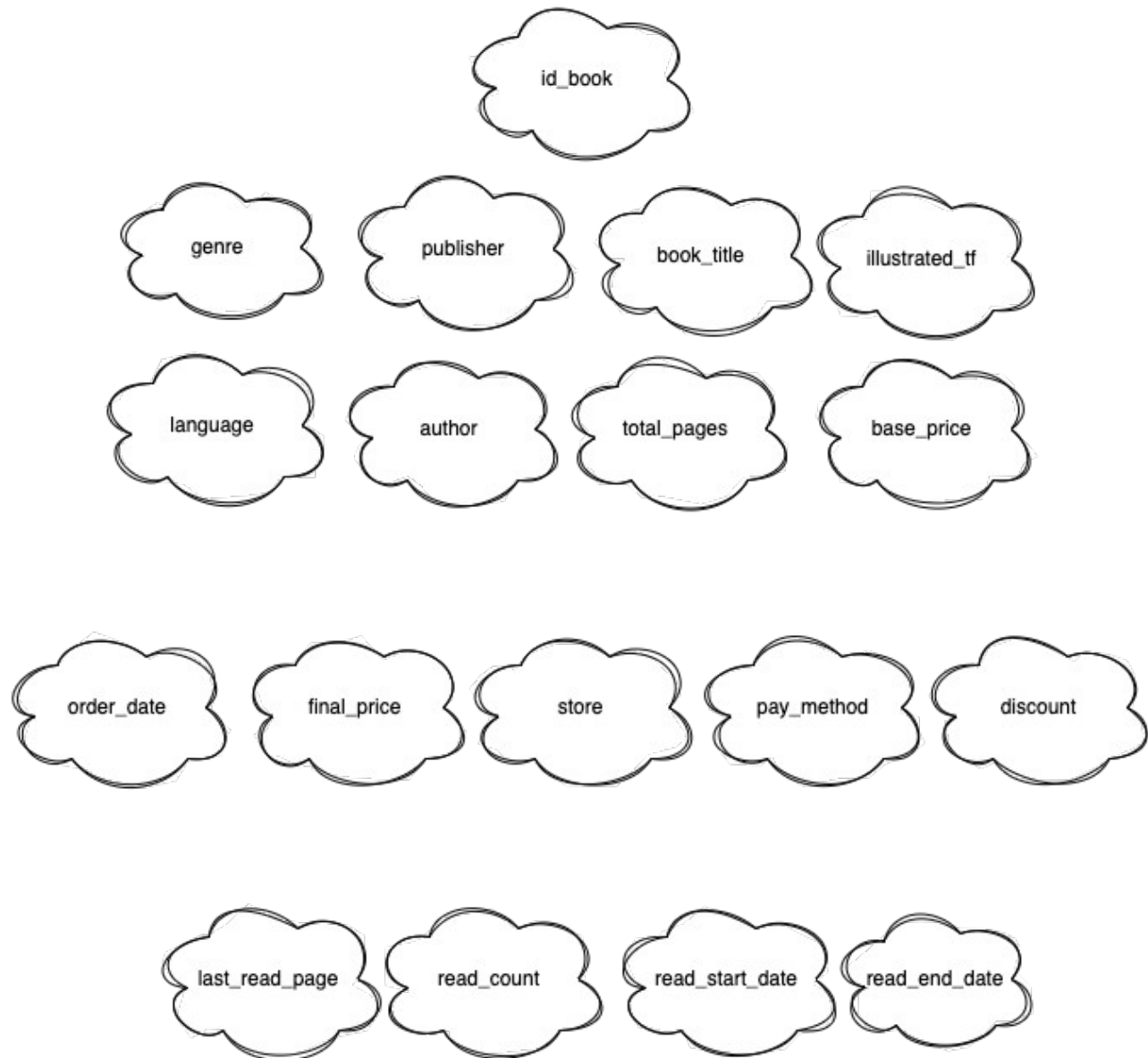
The Entity-Relationship Model

Defined the criteria to look up the book based on the price and purchase information:

illustrated_tf

base_price

genre

language

publisher

Book

total_pages

author

id_book

book_title

placed order

order_date

final_price

discount

got the book

reading_info

payment_method

store

last_read_page

read_end_date

read_start_date

read_count
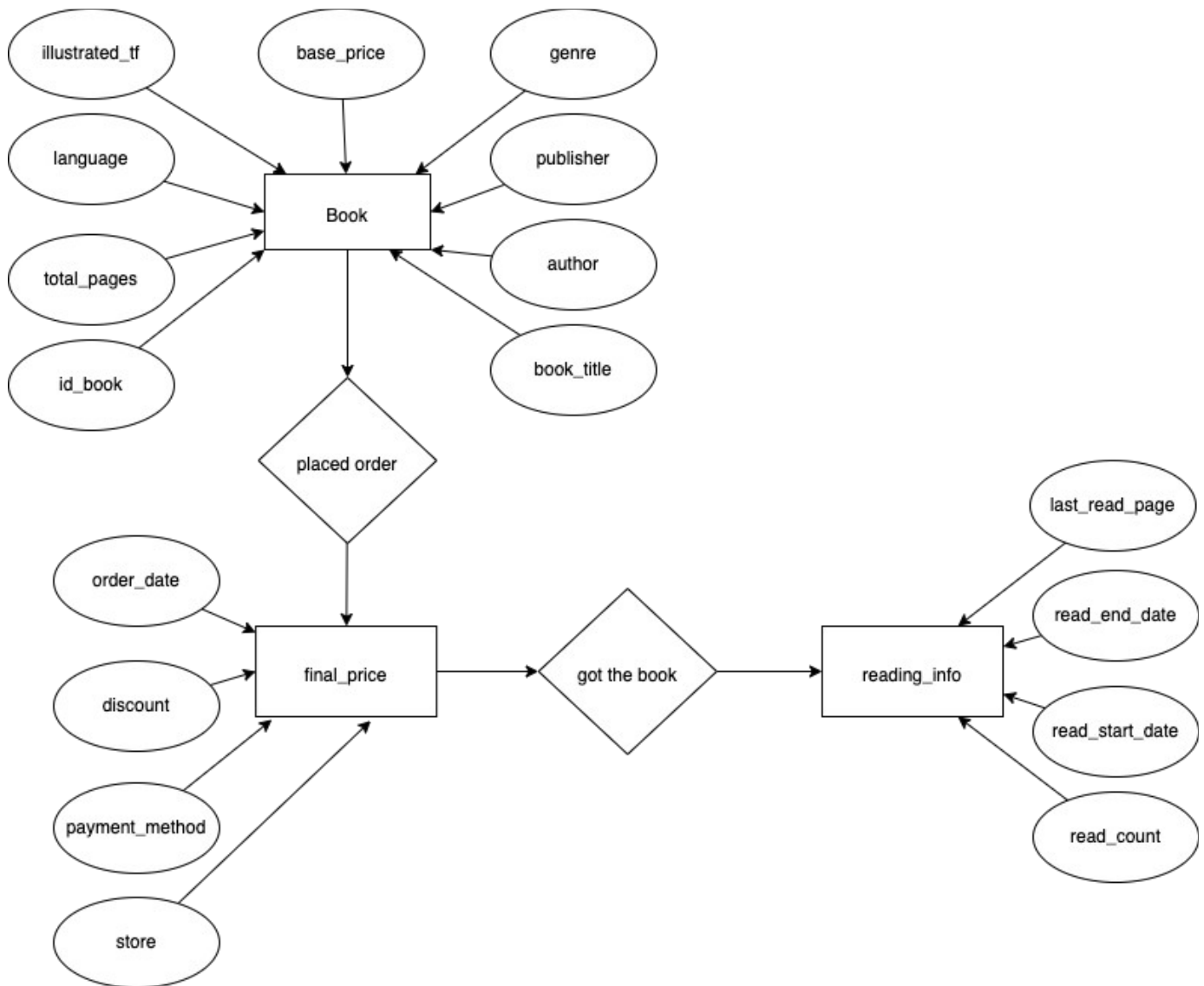
The Unified Modeling Language (UML)

language

language_id: int

language_name: string

genre

genre_id: int

genre_name: string

Book

Id_book: int

total_pages: int

FK language: int

illustrated_tf: boolean

base_price: int

FK genre: int

FK publisher: int

FK author: int

book_title: string

FK final_price: int

FK reading_info: int

publisher

publisher_id: int

fName: string

lName: string

author

author_id: int

fName: string

lName: string

final_price

final_price_id: int

order_date

discount

payment_method

store

reading_info

reading_info_id: int

read_end_date: int

read_start_date: int

read_count: int