



DATABASE MANAGEMENT SYSTEMS 2

ONLINE BOOK STORE

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INTRODUCTION

One of the most relevant topics in the database is the bookstore

This project was implemented using PL/SQL. This is the beginning of a platform that gives people the opportunity to conveniently and comfortably choose the literature they need without leaving home.

Tables

BOOKS



The book table contains the attributes book_id, book_name, bpub_year, price, ISBN and author_id.

PUBLISHER



The publisher table contains the attributes publisher_id, book_id, author_id, pub_year, pub_name

AUTHORS



The authors table contains the attributes author_id, afirst_name, alast_name, a_email

CUSTOMERS



The customers table contains the attributes customer_id, cfist_name, clast_name, c_email, address.

Tables



STAFFS

The staff table contains the attributes staff_id, sfirst_name, slast_name, s_email and status.



ORDERS

The staff table contains the attributes staff_id, sfirst_name, slast_name, s_email and status.



FEEDBACKS

The feedbacks table contains the attributes feedback_id, fcomment, customer_id, book_id, staff_id



CATEGORIES

The categories table contains the attributes category_id book_id, readership, genre.

Books

- BOOK_ID IS THE UNIQUE NUMBER OF EACH BOOK, PRIMARY KEY.
- BOOK_NAME IS THE NAME OF THE BOOK IN OUR STORE
- AUTHOR_ID IS THE UNIQUE NUMBER OF THE AUTHOR OF BOOKS
- BPUB_YEAR IS THE YEAR OF PUBLICATION OF THE BOOK
- COUNT THIS NUMBER OF BOOKS IN THE STORE
- PRICE IS THE PRICE OF BOOKS IN THE STORE
- ISBN IS A UNIQUE NUMBER OF THE BOOK EDITION

Author

- AUTHOR_ID IS THE UNIQUE NUMBER AUTHORS, PRIMARY KEY.
- AFIRST_NAME IS THE AUTHOR'S FIRST NAME
- ALAST_NAME IS THE AUTHOR'S LAST NAME
- AEMAIL IS THE AUTHOR'S EMAIL ADDRESS

Publisher

- BOOK_ID IS THE UNIQUE NUMBER OF EACH BOOK
- PUB_NAME IS THE NAME OF THE PUBLISHING HOUSE
- PUBLISHER_ID IS THE UNIQUE NUMBER OF PUBLISHING HOUSE
- AUTHOR_ID IS THE UNIQUE NUMBER OF THE AUTHOR OF BOOKS
- PUB_YEAR IS THE YEAR OF PUBLISHING HOUSE

Categories

- BOOK_ID IS THE UNIQUE NUMBER OF EACH BOOK
- CATEGORY_ID IS THE UNIQUE NUMBER OF THE CATEGORIES
- READERSHIP IS INFORMATION ABOUT THE AGE CATEGORY
- GENRE IS THE GENRES OF BOOKS IN THE STORE

Staff

- STAFF_ID IS THE UNIQUE NUMBER
- SFIRST_NAME IS THE STAFF'S FIRST NAME
- SLAST_NAME IS THE STAFF'S LAST NAME
- SEMAIL IS THE AUTHOR'S EMAIL ADDRESS
- SBIRTH_DATE IS THE DATE BIRTHDAY OF STAFF'S
- STATUS IS THE STAFF'S POSITION

Orders

- BOOK_ID IS THE UNIQUE NUMBER OF EACH BOOK
- ORDER_ID IS THE UNIQUE NUMBER OF THE ORDERS
- CUSTOMER_ID IS THE UNIQUE NUMBER OF THE CUSTOMERS
- STAFF_ID IS THE UNIQUE NUMBER OF THE STAFF'S
- PUB_NAME IS THE NAME OF THE PUBLISHING HOUSE
- ORDERS_TIME IS THE ORDER TIME
- ORDER_STATUS THIS SHOWS THE STATUS OF THE ORDER

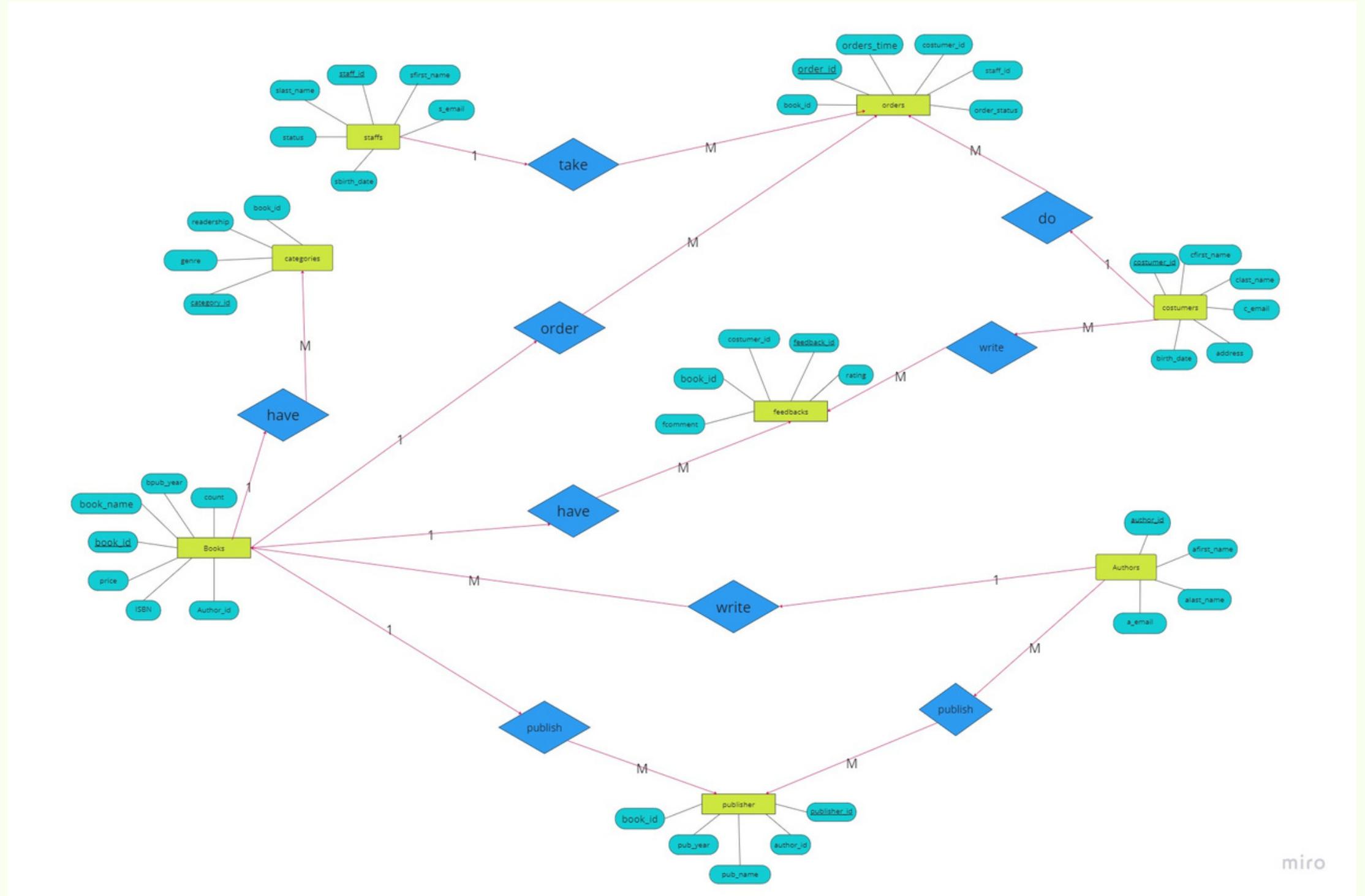
Customers

- CUSTOMER_ID IS THE UNIQUE NUMBER OF THE CUSTOMERS
- CFIRST_NAME IS THE CUSTOMER'S FIRST NAME
- CLAST_NAME IS THE CUSTOMER'S LAST NAME
- CEMAIL IS THE CUSTOMER'S EMAIL ADDRESS
- BIRTH_DATE IS THE DATE BIRTHDAY OF CUSTOMER'S
- ADDRESS IS THE ADDRESS OF THE CUSTOMERS

Feedback

- BOOK_ID IS THE UNIQUE NUMBER OF EACH BOOK
- FEEDBACK_ID IS THE UNIQUE NUMBER OF THE FEEDBACKS
- CUSTOMER_ID IS THE UNIQUE NUMBER OF THE CUSTOMERS
- FCOMMENT IS THE COMMENTS FROM CUSTOMERS
- RATING THIS IS A RATING OF BOOKS

ENTITY RELATIONSHIP DIAGRAM



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NORMALIZATION TABLE



books						
bpub_year	book_id	book_name	author_id	price	ISBN	count
costumers						
costumer_id	cfirst_name	clast_name	c_email	address	birth_date	
orders						
order_id	staff_id	costumer_id	book_id	orders_time	order_status	
publisher						
publisher_id	pub_name	book_id	author_id	pub_year		

NORMALIZATION TABLE



author					
author_id	afirst_name	alast_name	a_email		
staff_id	sfirst_name	slast_name	s_email	status	sbirth_date
feedback					
feedback_id	costumer_id	book_id	fcomment	rating	
categories				audience/reader	
category_id	book_id			genre	

Thank you for your attention

