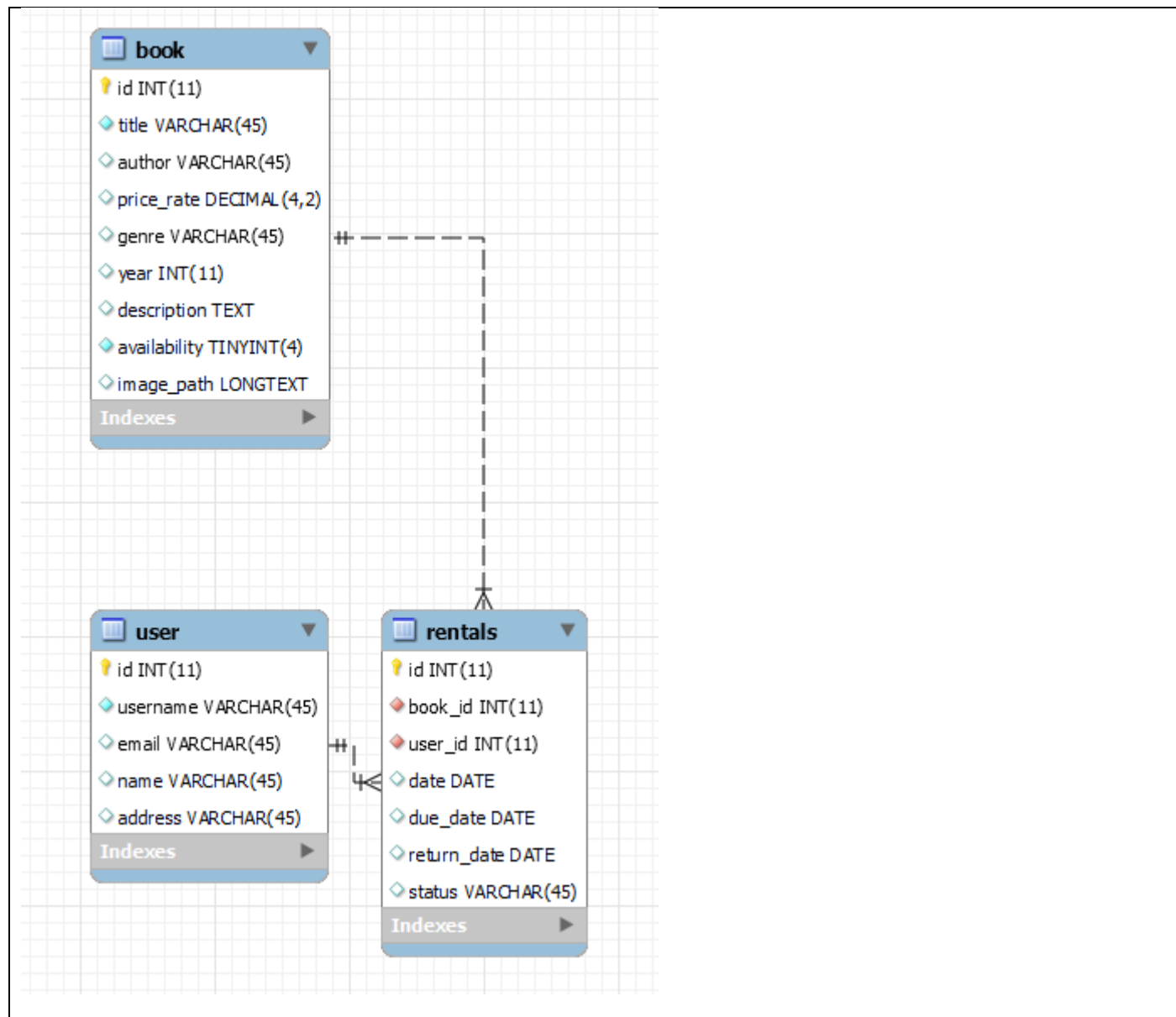


## MACHINE PROBLEM – Rental App

## DATABASE



MySQL Workbench interface showing the database structure and a query result.

**Table: book**

id	title	author	price_rate	genre	year	description	availability	image_path
41	The Great Gatsby	F. Scott Fitzgerald	2.50	Classic	1925	A tale of wealth, decadence, and the American Dream during the Jazz Age.	10	
42	To Kill a Mockingbird	Harper Lee	1.75	Fiction	1960	A classic novel set in the American South during the 1930s.	8	
43	1984	George Orwell	3.00	Science Fiction	1949	A dystopian novel exploring themes of surveillance and totalitarianism.	5	
44	Pride and Prejudice	Jane Austen	1.99	Romance	1813	A timeless love story set in Regency-era England.	12	
45	The Catcher in the Rye	J.D. Salinger	2.25	Fiction	1951	The coming-of-age story of Holden Caulfield in New York City.	6	
46	The Hobbit	J.R.R. Tolkien	2.75	Fantasy	1937	A fantasy adventure novel set in Tolkien's Middle-earth.	9	
47	Sapiens: A Brief History of Humankind	Yuval Noah Harari	2.30	Non-Fiction	2011	An exploration of the history of Homo sapiens.	14	
48	The Girl with the Dragon Tattoo	Stieg Larsson	3.50	Mystery	2005	A gripping mystery novel featuring investigative journalist Mikael Blomkvist.	7	
49	The Hunger Games	Suzanne Collins	1.80	Young Adult	2008	A dystopian young adult novel set in a future where teens are forced to fight to the death.	11	
50	The Da Vinci Code	Dan Brown	2.40	Mystery	2003	A fast-paced mystery thriller involving a secret society and hidden messages.	3	

**Query:** SELECT \* FROM db\_itia\_bookrental.book;

WEB INTERFACE

RENTING A BOOK (CREATE)

12.50 per day

Complete the form to rent the book.

Username

john.doe

Name

John Doe

Email

username@email.com

Address

1234 Main St

Book ID

41

Rent Date

09/10/2023

Book Info

Email

username@email.com

Address

1234 Main St

Book ID

41

Rent Date

09/10/2023

Return Date

10/10/2023

Cost

2.50

Rent

VIEWING BOOKS and RENTED BOOKS

Discover a world of literature at your fingertips. Rent books, explore genres, and indulge in your love for reading.

Genre

Search

Search

The Great Gatsby

A tale of wealth, decadence, and the American Dream

View

Rent

To Kill a Mockingbird

A classic novel set in the American South during the 1930s.

View

Rent

1984

A dystopian novel exploring themes of surveillance and

View

Rent

Pride and Prejudice

A timeless love story set in Regency-era England.

View

Rent



BookHub By Derick Espinosa, BSIT-S-2A

HomeRented Books

List of Rented Books

Rental ID#	Book Title	Rented By	Return Date	Total Price	Actions
14	The Great Gatsby	derick.espinosa	2023-10-10	\$2.5	<div><div></div><div></div></div>

UPDATING RENTED BOOKS

Rental ID#	Book Title	Rented By	Return Date	Total Price	Actions
14	The Great Gatsby	derick.espinosa	2023-10-10	\$2.5	 

derick.espinosa@email.com

Address

1234 Laguna

Book ID

41

Rent Date

09/10/2023

Return Date

10/10/2023

Due Date

16/10/2023

Cost

2.50

Update

Update information.

Username

derick.espinosa

Name

Derick Espinosa

Email

derick.espinosa@email.com

Address

1234 Laguna

Book ID



41

Rent Date

09/10/2023

Return Date

DELETING RENTED BOOKS

Rental ID#	Book Title	Rented By	Return Date	Total Price	Actions
14	The Great Gatsby	derick.espinosa	2023-10-10	\$2.5	 

Deleted Successfully!

Go Back

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Home Rented Books

List of Rented Books

Rental ID#	Book Title	Rented By	Return Date	Total Price	Actions
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