The library issues membership cards to its members.
Books are categorized by genres.
Each book can have multiple copies.
Members can borrow books for a period, and late returns incur a fine.
Each book has a unique ISBN, but there can be multiple copies of the same book.

ER Diagram

Entities:

Member
Book
Genre
BookCopy
Borrow

Relationships:

Members can borrow multiple books.
Each book belongs to one genre.
Each book can have multiple copies.
Each borrow record is associated with one member and one book copy.

Members

id	name	address	city	email	membership_id
1	Ivo Ivic	Tina Ujevica 4	51000, Rijeka	a@b.com	1122334455

Books

id	title	author	publisher	publication_year	ganre_id	isbn
1	Pure Fiction	Robi	Robi	2024	1	5566778899012

Ganre

id	genre
1	Fiction
2	Novel
3	Mystery

Bookcopy

id	book_id	late_fee
1	1	10
2	1	10

Borrow

id	borrow_date	return_date	member_id	book_id
1	17/06/2024	18/06/2024	1	1

1NF

Members

id	first_name	last_name	address	city	email	membership_id
1	Ivo	Ivic	Tina Ujevica 4	51000, Rijeka	a@b.com	1122334455

Books

id	title	author	publisher	publication_year	ganre_id	isbn
1	Pure Fiction	Robi	Robi	2024	1	5566778899012

Ganre

id	genre
1	Fiction
2	Novel
3	Mystery

Bookcopy

id	book_id
1	1
2	1

late_fee

id	book_id	fee
1	1	10

Borrow

id	borrow_date	return_date	late_fee	member_id	book_id
1	17/06/2024	18/06/2024	1	1	1

2NF

Members

id	first_name	last_name	address	city	email	membership_id
1	Ivo	Ivic	Tina Ujevica 4	51000, Rijeka	a@b.com	1122334455

Books

id	title	author	publisher	publication_year	ganre_id	isbn
1	Pure Fiction	Robi	Robi	2024	1	5566778899012

Ganre

id	genre
1	Fiction
2	Novel
3	Mystery

Bookcopy

id	book_id
1	1
2	1

late_fee

id	book_id	fee
1	1	10

Borrow

id	borrow_date	return_date	late_fee	member_id	book_id
1	17/06/2024	18/06/2024	1	1	1

3NF

Members

id	first_name	last_name	address	city	email	membership_id
1	Ivo	Ivic	Tina Ujevica 4	51000, Rijeka	a@b.com	1122334455

Books

id	title	author	publisher	publication_year	isbn	ganre_id
1	Pure Fiction	Robi	Robi	2024	5566778899012	1

Ganre

id	genre
1	Fiction
2	Novel
3	Mystery

Bookcopy

id	book_id
1	1
2	1

Late_fee

id	fee	book_id
1	10	1

Borrow

id	borrow_date	return_date	late_fee	member_id	book_id
1	17/06/2024	18/06/2024	1	1	1