1 Library — Book
Relationship name: manages
Meaning
- One **Library** manages **many Books**
- Each **Book** belongs to **one and only one Library**

Cardinality
- Library **1** ———< **M** Book

2 Library — Staff
Relationship name: employs
Meaning
- One **Library** employs **many Staff**
- Each **Staff member** works at **only one Library**

Cardinality
- Library **1** ———< **M** Staff

3 Member — Loan
Relationship name: borrows
Meaning
- One **Member** can borrow **many Books over time**
- Each **Loan** belongs to **one Member**

Cardinality
- Member **1** ———< **M** Loan

4 Book — Loan
Relationship name: is loaned
Meaning
- One **Book** can appear in **many Loans** (at different times)
- Each **Loan** refers to **one Book**

Cardinality
- Book **1** ———< **M** Loan

5 Loan — Payment
Relationship name: has paid
Meaning
- One **Loan** can have **zero or many Payments**
- Each **Payment** belongs to **one Loan only**

Cardinality
- Loan **1** ———< **M** Payment

Member → Review (1 to many)
This relationship is **one to many** because **one member can write many reviews**, but **each review is written by only one member**.