

ER DIAGRAM DESCRIPTION

Entities:

- **Members:** Tracks library users
- **Authors:** Stores author information
- **Books:** Represents available books
- **Loans:** Keeps record of borrowings
- **Fines:** Maintains penalty details

Relationships:

- One **Author** can write many **Books** (1:M)
- One **Member** can have multiple **Loans** (1:M)
- One **Loan** can generate a **Fine** (1:1)
- One **Book** can be loaned multiple times (1:M)

