



## **The relationships in the diagram are as follows:**

1. One admin can have multiple books issued (1-to-many relationship between admin and issuebook).
2. One admin can have multiple book requests (1-to-many relationship between admin and requestbook).
3. One user can have multiple issued books (1-to-many relationship between userdata and issuebook).
4. One user can have multiple book requests (1-to-many relationship between userdata and requestbook).
5. Each book can have multiple issues (1-to-many relationship between book and issuebook).
6. Each book can have multiple requests (1-to-many relationship between book and requestbook).

## **The diagram assumes the following cardinality and participation constraints based on the SQL schema:**

1. Each admin can have zero or more issued books and zero or more book requests.
2. Each user can have zero or more issued books and zero or more book requests.
3. Each book can have zero or more issues and zero or more requests.