**ER Relationships:**

WS7: Quilt Database:

1. quilt to photograph: A one-to-many relationship, indicating that each quilt can have multiple photographs, but each photograph is associated with only one quilt.
2. quilt to maker: A many-to-one relationship, showing that many quilts can be made by one maker.
3. quilt to quiltmaker: A one-to-many relationship, as a quilt can be linked to multiple quiltmakers (perhaps representing collaborative works).
4. quiltmaker to maker: A many-to-one relationship, showing that multiple quiltmakers can refer to the same maker.
5. member to comment: A one-to-many relationship, indicating that a member can make many comments, but each comment is made by one member.
6. quilt to comment: Also, a one-to-many relationship, showing that a quilt can have many comments associated with it.

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WS8 Task 1: Book and Author Database

1. book to bookauthor: A one-to-many relationship, meaning that a book can have entries in the bookauthor table to represent multiple authors.
2. author to bookauthor: Another one-to-many relationship, indicating an author can be linked to multiple entries in the bookauthor table, each for different books.

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WS8 Task 2: quotes

1. quote to quotecategory: A one-to-many relationship, meaning that one quote can belong to multiple categories.
2. category to quotecategory: Another one-to-many relationship, showing that a category can encompass multiple quotes.
3. quote to source: A many-to-one relationship, as multiple quotes can come from a single source.

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WS9: Twin Cities Database:

1. city to economy, transportation, places of interest, comments, images, cultural event, and weather: All one-to-many relationships, indicating that each city has multiple records of each of these types, but each record relates to one city.
2. category to categoryhaspoi: A one-to-many relationship, showing that one category can apply to multiple points of interest.

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