|  |  |
| --- | --- |
| CSCI-311 Diagramming Project | Raja Allmdar Tariq Ali |

## Responses and Assumptions

1. **If the requirements do not specify that a unique identifier for a record is necessary, is such an identifier still required in the ERD? What about the schema diagram?**

Yes, because it will ensure that each record can be uniquely referenced and manipulated within the database. For example, it might be beneficial to have `customer\_id` to maintain some sort of referential integrity

1. **What exactly is "contact information" for a publisher?**

This can be modeled as multiple attributes and should most definitely include an email address and/or phone number. Optionally, this can be expanded to include a website.

1. **How might you model "shipping address"?**

This should be modeled as a composite attribute as it is composed of multiple attributes (e.g. street address, city, state, zip code, country)

## Entity Relationship Diagram

A diagram of a company

Description automatically generated

## Relational Schema Diagram

A diagram of a database

Description automatically generated with medium confidence