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Assignment No.: Assignment 3.2 Assignment – Normalized Tables

On this assignment, it is hard to normalize the tables without the columns populated with data to have a better idea of what the data looks like, this gives the room for wild assumptions, and these are the following assumptions I made to normalize the tables.

1. I grouped the data fields into tables by looking at the name and assuming that they will contain related information.
2. I also, added ID columns to the Book and Author table to uniquely identify records because two or more books can have the same author or name and the same author can have multiple books in the database.
3. In the 3NF, I created another table, Contact, and moved the author and publisher’s contact information into that table.

Attached are the 1NF, 2NF and 3NF of the Assignment Data Fields.

