

Mapping Entities to Tables

Explain this topic in simple terms

Mapping Entities to Tables: A Simple Explanation

- In the context of databases, mapping entities to tables is like turning a list of ingredients into a recipe. Imagine you have a list of ingredients for a cake: flour, sugar, eggs, and butter. Each ingredient represents an entity, which is a real-world object or concept that holds data. When you create a recipe, you organize these ingredients into a structured format, just like how we organize data into tables in a database.
- In a database, an entity becomes a table, and the characteristics of that entity, known as attributes, become the columns in that table. For example, if we have a "Book" entity, it might have attributes like ISBN, title, and author. When we map this entity to a table, we create a "Book" table with columns for each of these attributes. This process helps us keep our data organized and easy to manage, just like a well-structured recipe makes it easier to bake a delicious cake!