
DATABASE DESIGN PROCESS

How does a database happen?

STEP 1. REQUIREMENTS ANALYSIS

Define the scope and strategy of the project. Make sure everyone is in agreement!



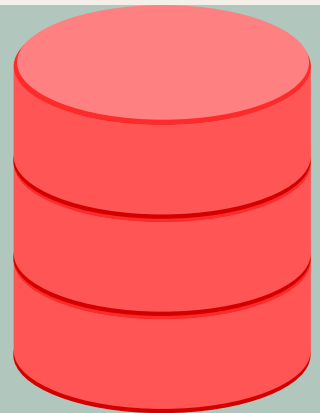
STEP 2. DATABASE DESIGN (LOGICAL MODEL)

Look at existing paperwork and documents, and use the normalization process to create tables.



STEP 3. DATABASE DESIGN (PHYSICAL MODEL)

Refine the logical model to take into account your DBMS choice (data types, constraints, etc).



STEP 4. IMPLEMENTATION

Create tables, load data, set up relationships, create views and queries, create user accounts, set up permissions.



STEP 5. TESTING

Ensure the system meets the requirements. Continually test and optimize performance as necessary.

