

Task_Structure

August 3, 2024

1 . Database Structure:

- 1.1 - Category Table: Contains a single column for `name`.
- 1.2 - Client Table: Contains columns for `first_name`, `last_name`, `phone`, `address`, and `email`.
- 1.3 - Project Table: Contains columns for `name`, `duration` (in days), and foreign keys to `client` and `category`.

2 . Data Insertion:

- Insert sample data into `client`, `category`, and `project` tables.

3 . Dummy Data:

- Create dummy data (20 projects, 5 categories, 20 clients) using external sources (possibly a website) and save them as JSON or CSV files.

4 . Loading Data:

- Load the dummy data into the database tables.

5 . - answer this questions :

- 5.1 - how many project for each client
- 5.2 - how many project in each category
- 5.3 - how many project we have with duaration > 30 day
- 5.4 - what is the first project to finish
- 5.5 - what is the last project to finish