Task Management Web Application Report

Overview

This report provides an overview and documentation for the Task Management web application. The application is implemented in PHP with a MySQL database and features task and category management.

Database Configuration

The database configuration is set up in the PHP script (**index.php**). The script establishes a connection to a MySQL server with provided credentials (**$servername**, **$username**, **$password**). The application checks if the specified database exists; if not, it creates one (**$dbname**). Two tables, **categories** and **tasks**, are created to store category and task information, respectively.

Running the Application

To run the application:

1. Place the PHP script (**index.php**) in the web server's root directory.

2. Access the application through a web browser (e.g., **http://localhost/index.php**).

Bootstrap Integration

The application utilizes Bootstrap 4.5.2 for enhanced styling. Bootstrap CSS and JavaScript are linked in the HTML (**index.php**) from a CDN, providing a clean and responsive user interface.

Functionality

Viewing Tasks and Categories

The application allows users to view existing tasks and categories. Tasks are displayed with their titles, descriptions, and corresponding categories. Categories are presented in a list.

Adding Tasks

Users can add new tasks through a form. The form includes fields for title, description, and category. Tasks are inserted into the **tasks** table in the database.

Adding Categories

Similarly, users can add new categories through a separate form. The form includes a field for the category name, which is then inserted into the **categories** table.

Screenshots

Include screenshots of the application in action.

1. **Tasks:**

2. **Categories:**

3. **Add Task Form:**

4. **Add Category Form:**

5. Database
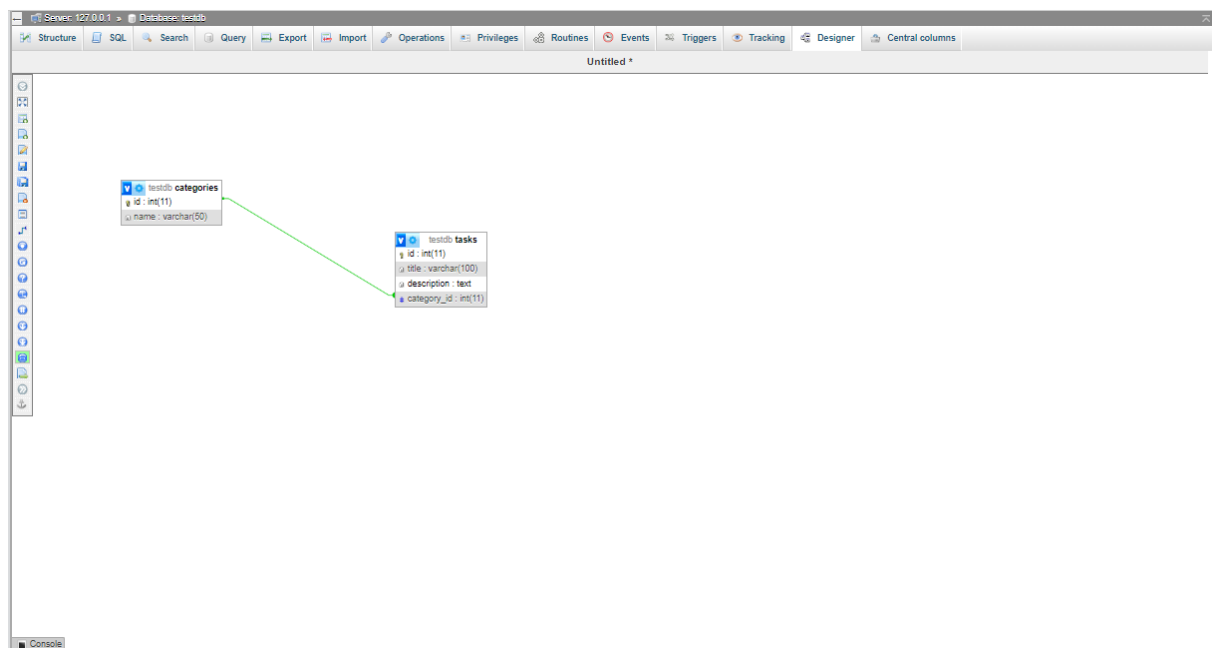
Dependencies

- Bootstrap 4.5.2