

# Task Management Web Application Report

## Overview

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

## Running the Application

Follow `readme.md`

Open your web browser and visit <http://localhost:5000> to access the application.

## Bootstrap Integration

The application utilizes Bootstrap 4.5.2 for enhanced styling. Bootstrap CSS and JavaScript are linked in the HTML (`templates/index.html`) 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:

### Task Management Tasks

hi - hi (Category: test)
task2 - task 3 (Category: yoyo)

2. Categories:

### Categories

test
yoyo

3. Add Task Form:

### Add Task

Title:

Description:

Category:

Add Task

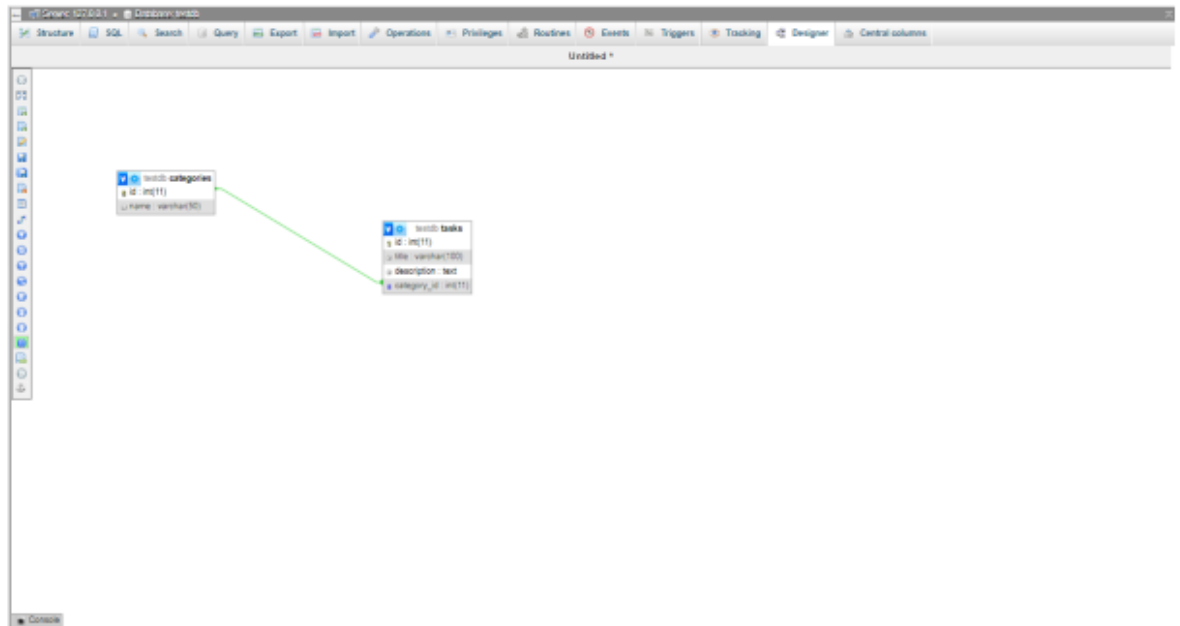
4. Add Category Form:

## Add Category

Name:

Add Category

5. Database: Include a screenshot or diagram of the database structure.



## Dependencies

- Flask
- Flask-MySQLDB
- Bootstrap 4.5.2