



CODTECH IT SOLUTIONS

SQL (STRUCTURED QUERRY LANGUAGE) INTERNSHIP TASKS

COMPLETE ANY TWO TASKS
OUT OF SIX!



VERIFIED BY
CODTECH IT SOLUTIONS

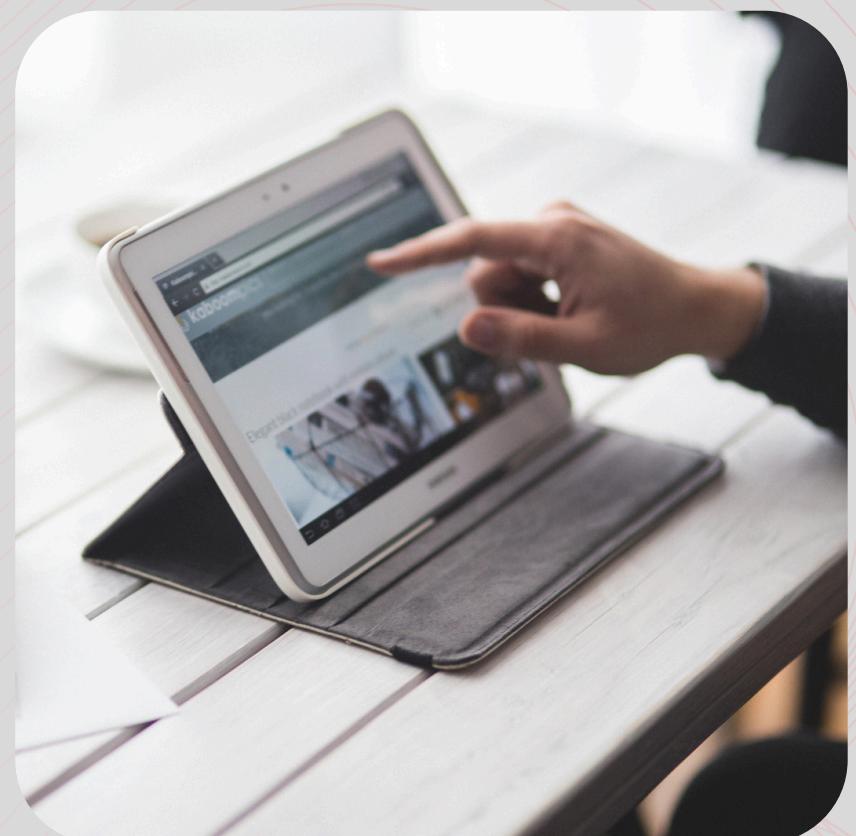


TASK ONE: LIBRARY MANAGEMENT SYSTEM

Create a database for managing a library's book inventory, members, and borrow/return transactions. This project helps you learn basic SQL commands and database design. Design tables for books, members, and transactions. Write SQL queries to insert, update, delete, and retrieve data.

TASK TWO: STUDENT DATABASE MANAGEMENT

Create a database to manage student records, including personal details, courses, and grades. This project helps you practice creating and managing relational databases. Design tables for students, courses, and enrollments. Write SQL queries to manage student records. Implement joins to combine data from multiple tables.

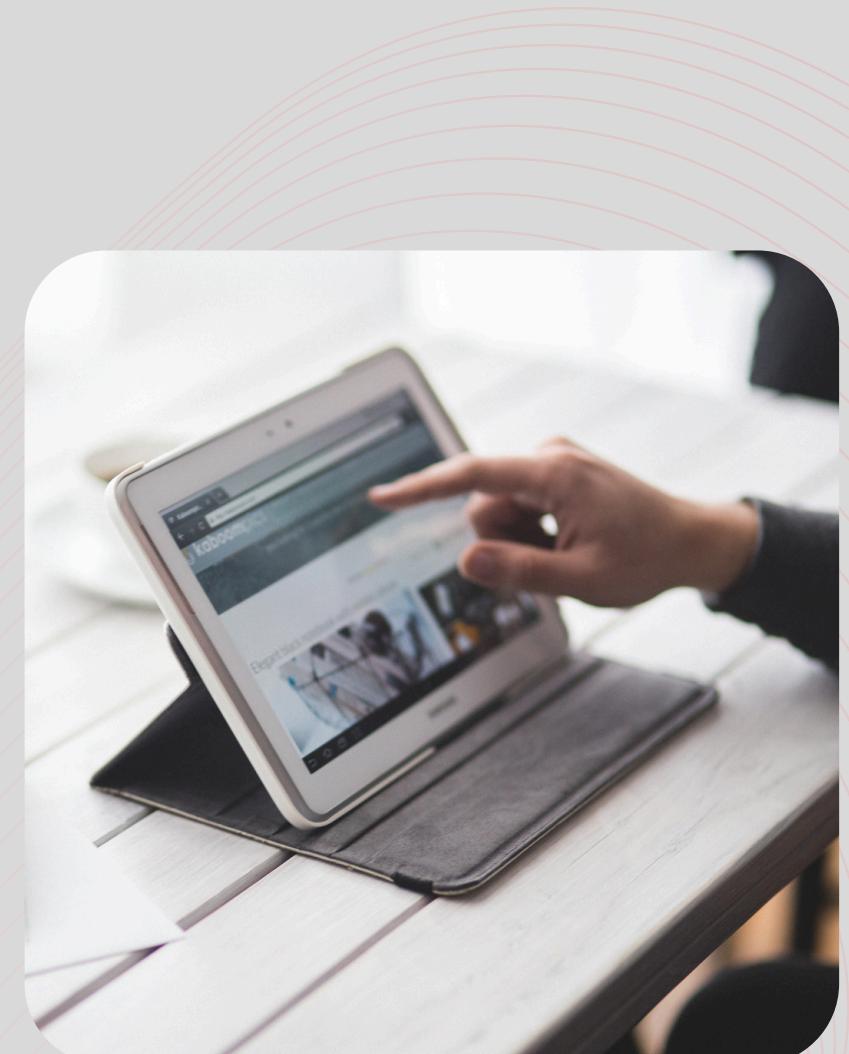


TASK THREE: ONLINE RETAIL STORE DATABASE

Develop a database for an online retail store, including products, customers, orders, and payments. This project involves more complex queries and database design. Design tables for products, customers, orders, and payments. Write SQL queries to handle customer orders and payment processing.

TASK FOUR: MOVIE RENTAL DATABASE

Create a database for a movie rental system, including movies, customers, rentals, and returns. This project helps you practice complex queries and transactions. Design tables for movies, customers, rentals, and returns. Write SQL queries to manage movie rentals and returns.



TASK FIVE: EMPLOYEE MANAGEMENT SYSTEM

Develop a database for managing employee records, including personal details, job positions, departments, and salaries. This project involves creating complex relationships and queries. Design tables for employees, departments, and job positions. Write SQL queries to manage employee records and departmental information.

TASK SIX: HOTEL BOOKING SYSTEM

Create a database for managing hotel bookings, including rooms, customers, reservations, and payments. This project involves handling complex queries and managing booking data. Design tables for rooms, customers, reservations, and payments.



BENEFITS OF THIS INTERNSHIP :

1).PLACEMENT SUPPORT

- INTERVIEW TRAINING
- RESUME & LINKEDIN BUILDING TOOLS
- SELF INTRODUCTION EXAMPLES

2) EXPERIENCE CERTIFICATE

3) MENTOR SUPPORT TO DO GIVEN PROJECTS

4) FLEXIBLE WORKING HOURS{WORK WHEN YOU ARE FREE AND SUBMIT THE TASKS WITHIN THE DEADLINE}

INSTRUCTIONS:



1. DEVELOP ADVANCED FEATURES: EXTEND THE FUNCTIONALITY OF YOUR PROJECT BY ADDING ADVANCED FEATURES OR REFINING EXISTING ONES AS PER THE REQUIREMENTS FOR GIVEN TASKS.
2. Update the code in GitHub: Make necessary changes and improvements to your codebase. Commit the updated code to your GitHub repository.
3. Share the GitHub URL at submission link: After updating your code on GitHub, retrieve the updated repository URL and submit it via the provided submission link in whatsapp group .

NOTE:POST YOUR OFFER LETTER IN LINKEDIN AND TAG US @CODTECHITSOLUTIONS ,
SHARE THAT POST URL TO WHATSAPP GROUP ADMIN .