EMPLOYEE ATTENDANCE MANAGEMENT SYSTEM

A database solution for tracking employee attendance

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Objective:

The Employee Attendance Management System is designed to track employee attendance, leave requests, and work hours within an organization.

Key Features:

- Clock-in/clock-out time tracking
- Leave request management
- Department-based reporting
- Attendance reports generation

Problem:

Managing employee attendance manually can be time-consuming and prone to errors. There is a need for an automated system to track attendance accurately.

Solution:

A centralized system to record and manage employee attendance, leaves, and work hours.
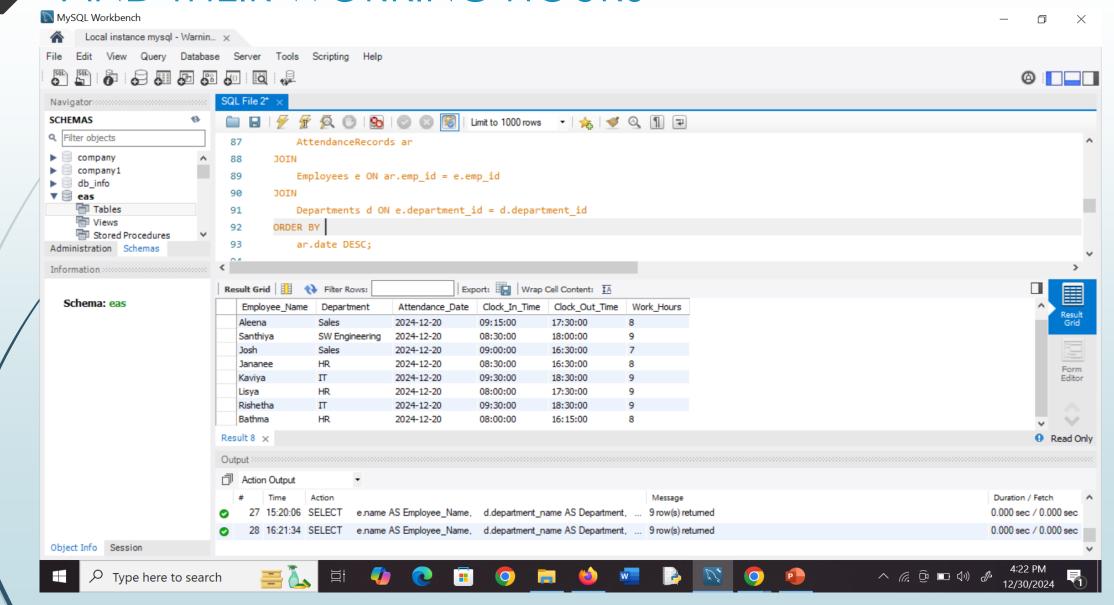
System Architecture:

- **Database**: MySQL for storing attendance, employee, leave, and department data.
- **Backend**: SQL queries for fetching and generating reports.
- **Frontend**: A potential future implementation could include a user interface for employees and HR.
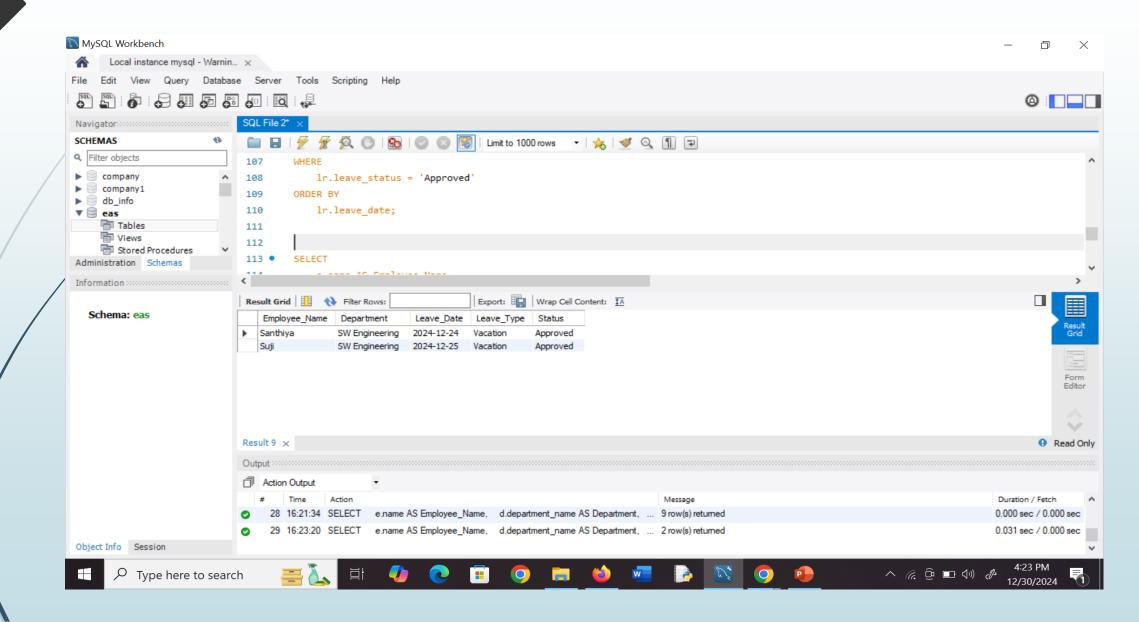
Database Design

- **Tables:**
- **Employees**: Stores employee information (name, department, position).
- **Departments:** Stores department details.
- **AttendanceRecords:** Tracks clock-in/clock-out times.
- **LeaveRequests:** Manages leave types and status.
- **Relationships:**
Employees are linked to departments and attendance records.
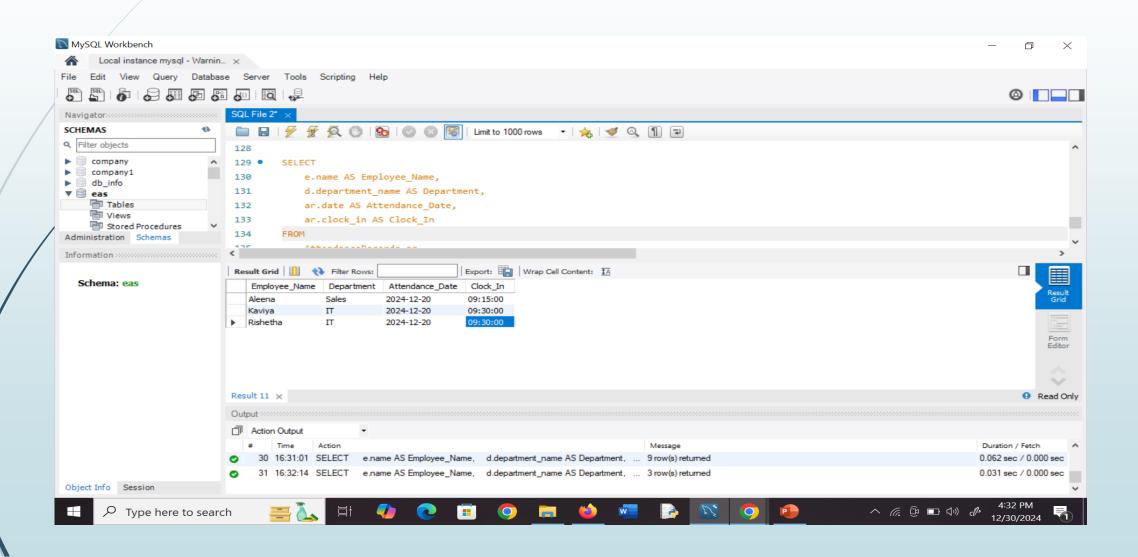
VIEW ALL EMPLOYEE'S ATTENDANCE,DEPATRMENT AND THEIR WORKING HOURS

DETAILS OF APPROVED LEAVE REQUEST

ATTENDANCE RECORDS FOR EMPLOYEES WHO CLOCKED IN LATER THAN 9.00am

Conclusion:

The Employee Attendance Management System streamlines attendance and leave tracking for employees and organizations.

It automates attendance calculations and reporting, saving time and improving accuracy.

Next Steps:

Future integration with a user interface and payroll system.