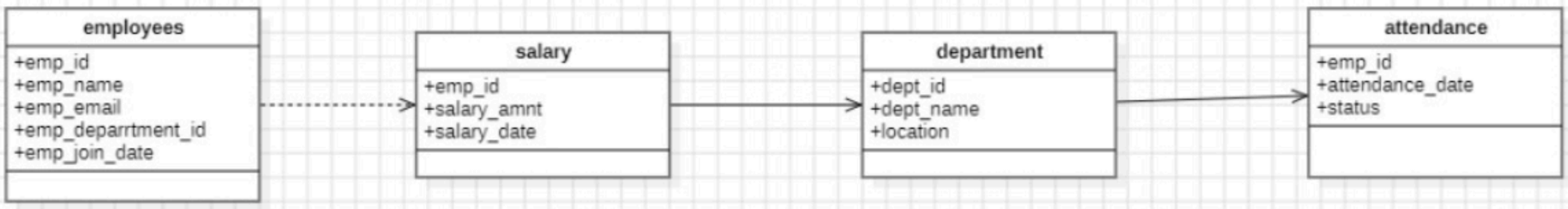
EMPLOYEE MANAGEMENT SYSTEM



MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- employee_management_sys
  - Tables
    - attendance
      - Columns
      - Indexes
      - Foreign Keys
      - Triggers
    - employees
      - Columns
      - Indexes
      - Foreign Keys
      - Triggers
    - salary
      - Columns
      - Indexes
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  - Views
  - Stored Procedures
  - Functions
- sheerindb
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- sys

Administration Schemas

Information

Table: attendance

Columns:

emp_id	int
attendance_date	date
status	varchar(1

employee_management_system*

Limit to 1000 rows

```
1   /*create database*/
2   create database employee_management_system;
3   use employee_management_system;
4
5   /*create employee table*/
6   CREATE TABLE employees (emp_id INT PRIMARY KEY,emp_name VARCHAR(50) NOT NULL,emp_email VARCHAR(100) UNIQUE,emp_age INT CHECK (emp_age >= 18),
7   emp_department_id INT,emp_join_date DATE DEFAULT (CURRENT_DATE));
8
9   /*salary table*/
10  CREATE TABLE salary (emp_id INT,salary_amnt INT,salary_date DATE DEFAULT (CURRENT_DATE),FOREIGN KEY (emp_id) REFERENCES employees(emp_id));
11
12  /*department table*/
13  CREATE TABLE department (dept_id INT auto_increment primary key,dept_name VARCHAR(50),location VARCHAR(50) DEFAULT 'CHENNAI');
14
15  /*attendance table*/
16  CREATE TABLE attendance (emp_id INT,attendance_date DATE,status VARCHAR(15),FOREIGN KEY (emp_id) REFERENCES employees(emp_id));
17
18  insert into employees (emp_id,emp_name,emp_email,emp_age,emp_department_id) values
19  (1, 'John Doe', 'john.doe@example.com', 30, 101),
20  (2, 'Jane Smith', 'jane.smith@example.com', 28, 102),
21  (3, 'Bob Johnson', 'bob.johnson@example.com', 35, 103),
22  (4, 'Alice Brown', 'alice.brown@example.com', 25, 101),
23  (5, 'Mike Davis', 'mike.davis@example.com', 40, 102);
24
25  INSERT INTO salary (emp_id, salary_amnt)
26  VALUES (1, 20000),(2, 30000),(3, 45000),(4, 14000),(5, 50000);
27
28  INSERT INTO department(dept_id,dept_name)values(001,'java'),(002,'php'),(003,'html'),(004,'python'),(005,'sql');
29
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	emp_id	emp_name	emp_email	emp_department_id	emp_join_date
▶	1	John Doe	john.doe@example.com	101	2025-06-23
	2	Jane Smith	jane.smith@example.com	102	2025-06-23
	3	Bob Johnson	bob.johnson@example.com	103	2025-06-23
	4	Alice Brown	alice.brown@example.com	101	2025-06-23
	5	Mike Davis	mike.davis@example.com	102	2025-06-23
•	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

employees 10

Apply Revert

MySQL Workbench

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Administration Schemas

Information

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employee_management_system*

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28 • INSERT INTO department(dept_id,dept_name)values(001,'java'),(002,'php'),(003,'html'),(004,'python'),(005,'sql');
29
30 • INSERT INTO attendance (emp_id, attendance_date, status) VALUES (1, '2024-05-05', 'present'),(2, '2024-05-05', 'present'),
31   (3, '2024-05-05', 'present'),(4, '2024-05-05', 'present'),(5, '2024-05-05', 'present');
32
33 • SELECT * FROM employees;
34 • SELECT * FROM department;
35 • SELECT * FROM salary;
36 • SELECT * FROM attendance;
37
38 • alter table employees drop emp_age;
39
40 • drop table department;
41
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

dept_id	dept_name	location
1	java	CHENNAI
2	php	CHENNAI
3	html	CHENNAI
4	python	CHENNAI
5	sql	CHENNAI
NULL	NULL	NULL

Result Grid

Form Editor

department 11

Apply Revert

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Administration Schemas

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31  (3, '2024-05-05', 'present'),(4, '2024-05-05', 'present'),(5, '2024-05-05', 'present');
32
33  SELECT * FROM employees;
34  SELECT * FROM department;
35  SELECT * FROM salary;
36  SELECT * FROM attendance;
37
38  alter table employees drop emp_age;
39
40  drop table department;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

emp_id	salary_amnt	salary_date
1	20000	2025-06-23
2	30000	2025-06-23
3	45000	2025-06-23
4	14000	2025-06-23
5	50000	2025-06-23

Result Grid

Form Editor

MySQL Workbench

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12  /*department table*/
13  CREATE TABLE department (dept_id INT auto_increment primary key,dept_name VARCHAR(50),location VARCHAR(50) DEFAULT 'CHENNAI');
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31  (3, '2024-05-05', 'present'),(4, '2024-05-05', 'present'),(5, '2024-05-05', 'present');
32
33  SELECT * FROM employees;
34  SELECT * FROM department;
35  SELECT * FROM salary;
36  SELECT * FROM attendance;
37
38  alter table employees drop emp age;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

emp_id	attendance_date	status
1	2024-05-05	present
2	2024-05-05	present
3	2024-05-05	present
4	2024-05-05	present
5	2024-05-05	present

Result Grid

Form Editor

SQLAdditions

CREATE TABLE

CREATE TABLE Syntax:

\1 creates a table with the given name. You must have the CREATE privile

By default, tables are created in the default database, using the InnoDB s occurs if the table exists, if there is no default database, or if the database

MySQL has no limit on the number of tables. The underlying file system m number of files that represent tables. Individual storage engines may impo constraints. InnoDB permits up to 4 billion tables.

For information about the physical representation of a table, see \1.

See also: : Online help create-table