Department.java:

package com.example.employeemanagementsystem.model;

import jakarta.persistence.\*;

import lombok.\*;

import java.util.List;

@Entity

@Table(name = "departments")

@Data

@NoArgsConstructor

@AllArgsConstructor

@Builder

public class Department {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

@Column(nullable = false)

private String name;

// One department can have many employees

@OneToMany(mappedBy = "department", cascade = CascadeType.ALL, orphanRemoval = true)

private List<Employee> employees;

}

Employee.java:

package com.example.employeemanagementsystem.model;

import jakarta.persistence.\*;

import lombok.\*;

@Entity

@Table(name = "employees")

@Data

@NoArgsConstructor

@AllArgsConstructor

@Builder

public class Employee {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

@Column(nullable = false)

private String name;

@Column(unique = true, nullable = false)

private String email;

// Many employees can belong to one department

@ManyToOne

@JoinColumn(name = "department\_id")

private Department department;

}