Imagine you are building a simple task management application, and you need to model a one-to-many relationship between User and Task entities. Each user can have multiple tasks assigned to them. You want to implement this relationship using Hibernate.

1. User class

```java
package com.sms;

@Entity
@Table(name = "users")
public class User {

    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    @Column(name = "user_id")
    private Long userId;

    @Column(name = "username")
    private String username;

    @OneToMany(mappedBy = "user", cascade = CascadeType.ALL)
    private List<Task> tasks = new ArrayList<>();

    // Constructors
    public User() {
    }

    public User(String username) {
        this.username = username;
    }

    // Getters and setters
    public Long getUserId() {
        return userId;
    }

    public void setUserId(Long userId) {
        this.userId = userId;
    }

    public String getUsername() {
        return username;
    }

    public void setUsername(String username) {
        this.username = username;
    }

    public List<Task> getTasks() {
        return tasks;
    }

    public void setTasks(List<Task> tasks) {
        this.tasks = tasks;
```

```
        }
}
```

2. Task class

```java
package com.sms;

@Entity
@Table(name = "tasks")
public class Task {

    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    @Column(name = "task_id")
    private Long taskId;

    @Column(name = "task_name")
    private String taskName;

    @ManyToOne
    @JoinColumn(name = "user_id")
    private User user;

    // Constructors
    public Task() {
    }

    public Task(String taskName) {
        this.taskName = taskName;
    }

    // Getters and setters
    public Long getTaskId() {
        return taskId;
    }

    public void setTaskId(Long taskId) {
        this.taskId = taskId;
    }

    public String getTaskName() {
        return taskName;
    }

    public void setTaskName(String taskName) {
        this.taskName = taskName;
    }

    public User getUser() {
        return user;
    }

    public void setUser(User user) {
        this.user = user;
    }

}
```