**Created\_At & Modified\_At**

**For MySQL 8**

**Step 1: Ddl\_auto - create**

**Step 2: make entity class**

**package com.itp.alibaba.model;**

**import java.time.LocalDateTime;**

**import javax.persistence.Column;**

**import javax.persistence.Entity;**

**import javax.persistence.EntityListeners;**

**import javax.persistence.GeneratedValue;**

**import javax.persistence.GenerationType;**

**import javax.persistence.Id;**

**import javax.persistence.PrePersist;**

**import javax.persistence.PreUpdate;**

**import org.springframework.data.jpa.domain.support.AuditingEntityListener;**

**import lombok.AllArgsConstructor;**

**import lombok.Data;**

**import lombok.NoArgsConstructor;**

**@Entity**

**@AllArgsConstructor**

**@NoArgsConstructor**

**@Data**

**@EntityListeners(AuditingEntityListener.class)**

**public class Customer {**

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

@Column(name = "custid") // Remove 'length' for integer fields

private int custId; // No length parameter needed for INT

@Column(name = "custname")

private String custName;

@Column(unique = true, name = "custemail")

private String custEmail;

@Column(unique = true, name = "custmobile", length = 10, nullable = false)

private String custMobile;

private String custGender;

**private LocalDateTime createdAt;**

**private LocalDateTime modifiedAt;**

**@PrePersist**

**protected void atCreation()**

**{**

**LocalDateTime now=LocalDateTime.now();**

**this.createdAt=now;**

**this.modifiedAt=now;**

**}**

**@PreUpdate**

**protected void atUpdation()**

**{**

**this.modifiedAt=LocalDateTime.now();**

**}**

**}**

**Created\_At & Modified\_At**

**For MySQL 8**

**Step 1 :**

ALTER TABLE customer ADD COLUMN created\_at TIMESTAMP;

ALTER TABLE customer ADD COLUMN modified\_at TIMESTAMP;

**Step 2:**

**Ddl-auto : update**

**Step 3:**

**In the entity class add the following**

**private LocalDateTime createdAt;**

**private LocalDateTime modifiedAt;**

**@PrePersist**

**protected void atCreation()**

**{**

**LocalDateTime now=LocalDateTime.now();**

**this.createdAt=now;**

**this.modifiedAt=now;**

**}**

**@PreUpdate**

**protected void atUpdation()**

**{**

**this.modifiedAt=LocalDateTime.now();**

**}**

**Step 4 : run the application**

**Step 5 : do a POST & PUT**