CREATE TABLE `employee` (  
 `id` bigint(20) NOT NULL,  
 `eid` varchar(10) NOT NULL,  
 `firstname` varchar(50) NOT NULL,  
 `lastname` varchar(50) NOT NULL,  
 `email` varchar(100) NOT NULL,  
 `password` varchar(255) NOT NULL,  
 `gender` varchar(10) NOT NULL,  
 `dob` date NOT NULL,  
 `department` varchar(50) NOT NULL,  
 `designation` varchar(50) NOT NULL,  
 `created\_date` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00' ON UPDATE CURRENT\_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

@Entity  
@Table(name = "employee")  
public class Employee {  
  
 @Id  
 @GeneratedValue(strategy = GenerationType.*IDENTITY*)  
 @Column(name = "id")  
 private long id;  
  
 @Column(name = "eid", nullable = false, unique = true)  
 private String empId;  
  
 @NotNull(message = "Employee FirstName can't be blank.")  
 @Size(min = 2, max = 50)  
 @Column(name = "firstname", nullable = false)  
 private String firstName;  
  
 @NotNull(message = "Employee LastName can't be blank.")  
 @Size(min = 2, max = 50)  
 @Column(name = "lastname", nullable = false)  
 private String lastName;  
  
 @NotNull(message = "Employee Email can't be blank.")  
 @Size(min = 10, max = 100)  
 @Email(message = "Please Enter Valid Email.")  
 @Column(name = "email", nullable = false, unique = true)  
 private String email;  
  
 @NotNull(message = "Employee Password can't be blank.")  
 @Size(max = 60)  
 @Column(name = "password", nullable = false)  
 private String password;  
  
 @NotNull(message = "Employee Gender can't be blank.")  
 @Column(name = "gender", nullable = false)  
 private String gender;  
  
 @NotNull(message = "Employee DOB can't be blank.")  
 @Past(message = "Please Select Past Date.")  
 @DateTimeFormat(pattern="yyyy-MM-dd")  
 @Column(name = "dob", nullable = false)  
 private LocalDate dob;  
   
  
 @NotNull(message = "Employee Department can't be blank.")  
 @Size(min = 2, max = 50)  
 @Column(name = "department", nullable = false)  
 private String department;  
  
 @NotNull(message = "Employee Designation can't be blank.")  
 @Size(min = 2, max = 50)  
 @Column(name = "designation", nullable = false)  
 private String designation;  
  
 @DateTimeFormat(pattern = "yyyy-MM-dd hh:mm:ss")  
 @Column(name = "created\_date", nullable = false, updatable = false)  
 private Timestamp createdDate;

@Entity

@Table(name="customer")

**public** **class** Customer {

@Id

@GeneratedValue(strategy=GenerationType.***IDENTITY***)

@Column(name="id")

**private** **int** id;

@NotNull(message="\* Pflichtfeld Mindestens 1 Zeichen")

@Size(min=1, message="\* Pflicht Mindestens 1 Zeichen")

@Column(name="first\_name")

**private** String firstName;

@NotNull(message="\* Pflichtfeld Mindestens 1 Zeichen")

@Size(min=1, message="\* Pflicht Mindestens 1 Zeichen")

@Column(name="last\_name")

**private** String lastName;

@NotNull(message="\* Pflichtfeld richtige email-Adresse?")

@Size(min=1, message="\* Pflicht richtige email-Adresse?")

@Pattern(regexp="^[\\w-\_\\.+]\*[\\w-\_\\.][\\@([\\w]+\\.)+[\\w]+[\\w]$](file:///\\@([\\w%5d+\\.)+%5b\\w%5d+%5b\\w%5d$)",

message="\* richtige Email-Adresse?")

@Column(name="email")

**private** String email;

@NotNull(message="\* Pflichtfeld Datum des Eintrittes?")

@Pattern(regexp="^(0?[1-9]|[12][0-9]|3[01])[\\/\\.](0?[1-9]|1[012])[\\/\\.]\\d{4}$",

message="\* not valid date")

@Column(name="entry")

String entry;

@Pattern(regexp="^\\d\*\\.\\d+|\\d+\\.\\d\*$", message="Not decimal")

@DecimalMin(value = "50.00", message="Min 50.00")

@DecimalMax(value = "100.00", message="Max 100.00")

@Column(name="minimum")

**private** String minimum;

//@Pattern(regexp="^(0?[1-9]|[12][0-9]|3[01])[\\/\\-](0?[1-9]|1[012])[\\/\\-]\\d{4}$", message="\* not valid date")

@Column(name="birthday")

**private** Date birthday;

@Pattern(regexp="^[a-zA-Z0-9]{5}", message="only 5 chars/digits")

@Column(name="postalcode")

**private** String postalCode;

@CourseCode(value={"TOPS", "LUV"}, message="must start with TOPS or LUV")

@Column(name="coursecode")

**private** String courseCode;

@RoleCode(value={"LeiterAgenturOrga", "LeiterEBC", "LeiterVKAHH", "ODL", "RDL",

"RDL55Plus", "RDLBeamtenvertrieb", "VDL", "VDLVKHH"},

message="LeiterAgenturOrga, LeiterEBC, LeiterVKAHH, ODL, RDL, RDL55Plus,

RDLBeamtenvertrieb, VDL, VDLVKHH")

@Column(name="rolecode")

**private** String roleCode;

@Column(name="country")

**private** String country;

@Column(name="javaskills")

**private** String javaskills;