**JPA\_Annotationen**

**Class Answer:**

@Entity

@OneToOne()

@JoinColumn(name = "question\_id")

**Class Category:**

@Entity

@Id

@GeneratedValue(strategy = GenerationType.AUTO)

@Column(unique = true)

private String name;

@OneToMany(mappedBy = "category")

**Class Game:**

@Entity

@Id

@GeneratedValue(strategy = GenerationType.AUTO)

@Column(name= "gid")

@ManyToOne(fetch= FetchType.EAGER, cascade= CascadeType.ALL)

private Player player;

@ElementCollection

@CollectionTable(name = "answers", joinColumns = {@JoinColumn(name = "game\_id", referencedColumnName = "gid")})

@MapKeyColumn(name = "question\_id")

@Column(name = "correct")

@Column(columnDefinition = "TIMESTAMP DEFAULT CURRENT\_TIMESTAMP")

private Timestamp startedAt;

@Column(columnDefinition = "TIMESTAMP DEFAULT CURRENT\_TIMESTAMP")

private Timestamp endedAt;

**Class Player:**

@Entity

@NamedQuery(name = "Player.findByName", query = "select p from Player p where p.name =:name")

@Id

private String name;

**Class Question:**

@Entity

@NamedQuery(name = "Question.findByCategoryId", query = "select q, c from Question q join q.category c where c.cId = :cid")

@Id

private int id;

@ElementCollection

@OrderColumn(name = "sequencee")

@ManyToOne

private Category category;