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1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6  package fr.insalyon.dasi.gustatif.metier.modele;
7
8  import java.io.Serializable;
9  import java.util.ArrayList;
10 import java.util.Date;
11 import java.util.List;
12 import javax.persistence.CascadeType;
13 import javax.persistence.Column;
14 import javax.persistence.Entity;
15 import javax.persistence.GeneratedValue;
16 import javax.persistence.GenerationType;
17 import javax.persistence.Id;
18 import javax.persistence.JoinColumn;
19 import javax.persistence.ManyToOne;
20 import javax.persistence.OneToMany;
21 import javax.persistence.Temporal;
22
23 /**
24  *
25  * @author Nico
26  */
27 @Entity
28 public class Commande implements Serializable{
29
30     @Id
31     @GeneratedValue(strategy = GenerationType.AUTO)
32     private Long id;
33     @Column(nullable = false)
34     @Temporal(javax.persistence.TemporalType.TIMESTAMP)
35     private Date dateDebut;
36     @Temporal(javax.persistence.TemporalType.TIMESTAMP)
37     private Date dateFin;
38     // @JoinColumn(nullable = false)
39     @ManyToOne
40     private Restaurant restaurant;
41     // @JoinColumn(nullable = false)
42     @ManyToOne
43     private Client client;
44     // @JoinColumn(nullable = false)
45     @OneToMany(cascade = CascadeType.ALL)
46     private List<LigneDeCommande> lignesDeCommande;
47     // @JoinColumn(nullable = false)
48     @ManyToOne
49     private Livreur livreur;
50
51     public Commande() {
52         this.lignesDeCommande = new ArrayList<>();
53     }

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54
55     public Commande(Restaurant restaurant, Client client) {
56         this.lignesDeCommande = new ArrayList<>();
57         this.restaurant = restaurant;
58         this.client = client;
59     }
60
61     public Commande(Restaurant restaurant, Client client, Date
62         dateDebut) {
63         this.lignesDeCommande = new ArrayList<>();
64         this.restaurant = restaurant;
65         this.client = client;
66         this.dateDebut = dateDebut;
67     }
68
69     public Long getId() {
70         return id;
71     }
72
73
74     public Date getDateDebut() {
75         return dateDebut;
76     }
77
78     public Date getDateFin() {
79         return dateFin;
80     }
81
82     public Restaurant getRestaurant() {
83         return restaurant;
84     }
85
86     public Client getClient() {
87         return client;
88     }
89
90     public Livreur getLivreur() {
91         return livreur;
92     }
93
94     public Double getPoidsEnGrammes() {
95         Double poids = new Double(0.F);
96         for(LigneDeCommande l : lignesDeCommande)
97         {
98             poids += l.getPoidsEnGrammes();
99         }
100        return poids;
101    }
102
103    public Double getPrix() {
104        Double prix = new Double(0.F);
105        for(LigneDeCommande l : lignesDeCommande)
106        {

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107         prix += l.getPrix();
108     }
109     return prix;
110 }
111
112 public List<LigneDeCommande> getLignesDeCommande() {
113     return lignesDeCommande;
114 }
115
116
117 public void setDateDebut(Date dateDebut) {
118     this.dateDebut = dateDebut;
119 }
120
121 public void setDateFin(Date dateFin) {
122     this.dateFin = dateFin;
123 }
124
125 public void setRestaurant(Restaurant restaurant) {
126     this.restaurant = restaurant;
127 }
128
129 public void setClient(Client client) {
130     this.client = client;
131 }
132
133 public void setLivreur(Livreur livreur) {
134     this.livreur = livreur;
135 }
136
137 public void setLignesDeCommande(List<LigneDeCommande>
lignesDeCommande) {
138     // this.lignesDeCommande.add(new
LigneDeCommande(produit,quantite));
139     this.lignesDeCommande = lignesDeCommande;
140 }
141
142 @Override
143 public String toString() {
144     return "Commande{ id=" + id + ", dateDebut=" + dateDebut + ",
dateFin="
145         + dateFin + ", client=[" + client + "], restaurant=["
146         + restaurant + "], lignesDeCommande=[" +
lignesDeCommande
147         + "], livreur=[" + livreur.getMail() + "]"+"}";
148 }
149 }
150
```