silascunha / sistema-loja-de-roupas (Public)

<> Code Issues !\( \) Pull requests ♠ Actions Projects 3 Security Insights

## Commit



This commit does not belong to any branch on this repository, and may belong to a fork outside of the repository.

```
problemas:
                                                                                    Browse files
                * Data class 2
                * magic number 4
                * long parameters list 6
                * god class 1
   cmatheusIA committed on Jun 21
1 parent f27d410 commit d1971e6
```

Showing 5 changed files with 125 additions and 222 deletions.

```
Whitespace
              Ignore whitespace
```

Unified Split

```
→ 38 ■■■■ src/main/java/br/sistemalojaroupas/model/entities/Brand.java 
□

               @@ -1,8 +1,3 @@
 1
               * To change this license header, choose License Headers in Project Properties.
 2
               * To change this template file, choose Tools | Templates
 3
                * and open the template in the editor.
 4
               */
 5
               package br.sistemalojaroupas.model.entities;
 6
         1
 7
         2
         3
               import java.util.Objects;
 8
         7
               import org.dizitart.no2.objects.Index;
12
               import org.dizitart.no2.objects.Indices;
         8
13
14
15
16
               * @author silas
17
               */
18
               @Indices(
19
        10
                   @Index(value = "name", type = IndexType.Unique)
20
                       @Index(value = "name", type = IndexType.Unique)
        11
        12
               )
21
```

```
22
        13
               public class Brand {
23
        14
24
        15
                   @Id
25
        16
                   private NitriteId id;
26
        17
                   private String name;
27
        18
28
        19
                   public Brand() {
29
        20
        21
30
31
        22
        23
                   public Brand(String name) {
32
33
                        this.name = name;
        24
34
        25
                   }
47
        38
        39
                   @Override
48
49
        40
                   public int hashCode() {
50
                        int hash = 7;
                        hash = 29 * hash + Objects.hashCode(this.id);
51
52
                        return hash;
                        return Objects.hash(id);
        41
53
        42
                   }
54
        43
55
                   @Override
        44
                   public boolean equals(Object obj) {
56
        45
                        if (this == obj) {
57
        46
58
        47
                            return true;
59
        48
                        }
                        if (obj == null) {
60
                            return false;
61
                        }
62
                        if (getClass() != obj.getClass()) {
63
                            return false;
64
                        }
65
                        final Brand other = (Brand) obj;
66
                        if (!Objects.equals(this.id, other.id)) {
67
        49
                        if (obj == null || getClass() != obj.getClass()) {
        50
                            return false;
68
69
        51
                        return true;
70
                        Brand other = (Brand) obj;
        52
                        return Objects.equals(id, other.id);
        53
                   }
71
        54
72
        55
73
74
                   @Override
75
        56
76
        57
                    public String toString() {
                        return name;
77
        58
```

```
60 src/main/java/br/sistemalojaroupas/model/entities/Employee.java
               @@ -1,8 +1,3 @@
 1
 2
                * To change this license header, choose License Headers in Project Properties.
                * To change this template file, choose Tools | Templates
 3
 4
                * and open the template in the editor.
                */
 5
               package br.sistemalojaroupas.model.entities;
 6
        1
 7
        3
               import java.io.Serializable;
 8
15
       10
               import org.dizitart.no2.objects.Index;
               import org.dizitart.no2.objects.Indices;
16
       11
       12
17
             - /**
18
19
20
                * @author silas
                */
21
               @Indices(
22
       13
                   @Index(value = "cpf", type = IndexType.Unique)
23
                       @Index(value = "cpf", type = IndexType.Unique)
       14
24
       15
25
               public class Employee implements Serializable, TableContract {
       16
26
                   @Id
27
       17
                   @Id
       18
       19
                   private NitriteId id;
28
29
                   private String cpf;
       20
       21
                   private String name;
30
                   private Date birthDate;
33
       24
                   private Date admissionDate;
34
       25
       26
                   private Double salary;
35
36
       27
       28
                   private Address address;
37
38
       29
                   private Office office;
39
       30
       31
                   private final static SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy");
40
41
       32
42
       33
                   public Employee() {
43
       34
44
       35
       47
                   public NitriteId getId() {
56
57
       48
                       return id;
```

```
58
         49
 59
         50
60
         51
                    public String getCpf() {
         52
                         return cpf;
62
         53
                    public Date getBirthDate() {
92
         83
93
         84
                         return birthDate;
94
         85
95
         86
         87
                    public String getFormattedBirthDate() {
96
                         return sdf.format(birthDate);
97
         88
98
         89
                    public Date getAdmissionDate() {
104
        95
105
                         return admissionDate;
         96
         97
106
                    }
107
         98
                    public String getFormattedAdmissionDate() {
108
        99
                         return sdf.format(admissionDate);
109
        100
        101
110
139
        130
        131
                    @Override
140
                    public int hashCode() {
141
        132
                         int hash = 5;
142
                         hash = 83 * hash + Objects.hashCode(this.id);
143
144
                         return hash;
                         return Objects.hash(id);
        133
        134
                    }
145
146
        135
                    @Override
147
        136
                    public boolean equals(Object obj) {
148
        137
149
        138
                         if (this == obj) {
        139
                             return true;
150
        140
151
                         if (obj == null) {
152
                             return false;
153
154
                         if (getClass() != obj.getClass()) {
155
                         if (obj == null || getClass() != obj.getClass()) {
        141
        142
                             return false;
156
        143
157
                         final Employee other = (Employee) obj;
158
                         if (!Objects.equals(this.id, other.id)) {
159
                             return false;
160
161
                         }
162
                         return true;
        144
                         Employee other = (Employee) obj;
                         return Objects.equals(id, other.id);
        145
163
        146
                    }
164
        147
```

```
165
       148
                    @Override
166
        149
                    public String toString() {
                        return "Employee{" + "cpf=" + cpf + ", name=" + name + ", email=" + email +
167
                ", phone=" + phone + ", birthDate=" + birthDate + ", admissionDate=" +
                admissionDate + ", salary=" + salary + ", address=" + address + '}';
        150
                        return "Employee{" +
                                 "cpf='" + cpf + '\'' +
        151
                                 ", name='" + name + '\'' +
        152
                                 ", email='" + email + '\'' +
        153
                                 ", phone='" + phone + '\'' +
        154
        155
                                 ", birthDate=" + birthDate +
        156
                                 ", admissionDate=" + admissionDate +
        157
                                 ", salary=" + salary +
        158
                                 ", address=" + address +
        159
                                 '}';
168
        160
                    }
        161
169
170
        162
                    @Override
        163
                    public Object[] tableRowModel() {
171
        164
                        return new Object[] {
172
173
                             getCpf(),
174
                             getName()
        165
                                 cpf,
        166
                                 name
175
        167
                        };
176
        168
                    }
177
        169
178
        170
                }
```

```
103 src/main/java/br/sistemalojaroupas/model/entities/Product.java
       . . .
              @@ -1,8 +1,3 @@
 1
               * To change this license header, choose License Headers in Project Properties.
 2
               * To change this template file, choose Tools | Templates
 3
 4
               * and open the template in the editor.
               */
 5
 6
        1
              package br.sistemalojaroupas.model.entities;
 7
        2
        3
              import java.io.Serializable;
 8
              import java.util.Objects;
11
        6
        7
              import org.dizitart.no2.objects.Id;
12
13
14
15
               * @author silas
16
17
18
        9
              public class Product implements Serializable, TableContract {
       10
                   private final static long serialVersionUID = 1L;
19
20
```

```
11
21
         12
                    private static SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy");
 22
         13
 23
         14
                    @Id
 24
                    private Long id;
         15
 25
         16
                    private String description;
 28
         19
                    private Double salePrice;
29
                    private Date date = new Date();
         20
 30
                    private int quantity;
         21
         22
         23
                    private Color color;
32
 33
                    private Category category;
         24
                    private Brand brand;
34
         25
 35
         26
         27
36
                    public Product() {}
37
         28
         29
                    public Product(String description, Category category, String size, Color color,
38
                Double costPrice, Double salePrice, int quantity) {
                    public Date getDate() {
104
        95
105
        96
                        return date;
         97
                    }
106
107
         98
         99
                    public String getFormattedDate() {
108
                        String formattedDate = sdf.format(this.date);
109
                         return formattedDate;
110
        100
                        return sdf.format(this.date);
        101
                    }
111
        102
112
        103
                    public void setDate(Date date) {
113
129
        119
                    public void setBrand(Brand brand) {
        120
                        this.brand = brand;
130
131
        121
132
        122
133
        123
                    @Override
        124
                    public int hashCode() {
134
                         int hash = 7;
135
                        hash = 67 * hash + Objects.hashCode(this.id);
136
137
                        return hash;
                        return Objects.hash(id);
        125
138
        126
                    }
139
        127
140
        128
                    @Override
141
        129
                    public boolean equals(Object obj) {
142
        130
                        if (this == obj) {
        131
                             return true;
143
144
        132
145
                        if (obj == null) {
```

```
146
                            return false;
147
                        }
                        if (getClass() != obj.getClass()) {
148
                            return false;
149
150
                        }
                        final Product other = (Product) obj;
151
152
                        if (!Objects.equals(this.id, other.id)) {
                        if (obj == null || getClass() != obj.getClass()) {
        133
153
       134
                            return false;
154
       135
                        }
155
                        return true;
                        Product other = (Product) obj;
       136
                        return Objects.equals(id, other.id);
       137
156
        138
                    }
       139
157
158
        140
                    @Override
159
        141
                    public String toString() {
                        return "Product{"
160
                                 + "id="_
161
                                 + id
162
                                 + ", description="
163
164
                                 + description
165
                                 + ", category="
166
                                 + category
                                 + ", size="
167
                                 + size_
168
169
                                 + ", brand="
                        return "Product{"
        142
        143
                                 + "id="
                                 + id
        144
        145
                                 + ", description="
        146
                                 + description
        147
                                 + ", category="
        148
                                 + category
        149
                                 + ", size="
                                 + size
        150
        151
                                 + ", brand="
170
        152
                                 + brand
171
                                 + ", color="_
172
                                 + color_
                                 + ", costPrice="
173
                                 + costPrice_
174
                                 + ", salePrice="
175
                                 + salePrice
176
                                 + ", date="
177
                                 + date_
178
179
                                 + ", quantity="_
                                 + quantity_
180
                                 + ", color="
       153
        154
                                 + color
                                 + ", costPrice="
        155
        156
                                 + costPrice
```

+ ", salePrice="

157

```
158
                                 + salePrice
                                 + ", date="
        159
        160
                                 + date
                                 + ", quantity="
        161
        162
                                 + quantity
                                 + '}';
181
        163
182
        164
                    }
183
        165
                    @Override
184
        166
185
        167
                    public Object[] tableRowModel() {
        168
                        return new Object[] {
186
187
                             getId(),
188
                             getDescription(),
189
                             getColor(),
190
                             getSize(),
                             getCategory(),
191
192
                             getBrand(),
193
                             String.format("%.2f", getCostPrice()),
194
                             String.format("%.2f", getSalePrice()),
195
                             getQuantity(),
196
                             getFormattedDate()
        169
                                 id,
                                 description,
        170
        171
                                 color,
        172
                                 size,
        173
                                 category,
        174
                                 brand,
                                 String.format("%.2f", costPrice),
        175
                                 String.format("%.2f", salePrice),
        176
        177
                                 quantity,
        178
                                 getFormattedDate()
197
        179
                        };
198
        180
                    }
199
               }
200
                \Theta
        181
              + }
   138 src/main/java/br/sistemalojaroupas/model/entities/Sale.java
                @@ -1,8 +1,3 @@
        . . .
  1
                 * To change this license header, choose License Headers in Project Properties.
  2
  3
                 * To change this template file, choose Tools | Templates
                 * and open the template in the editor.
  4
                 */
  5
                package br.sistemalojaroupas.model.entities;
  6
          1
  7
          2
          3
                import java.io.Serializable;
  8
          8
                import java.util.Set;
 13
 14
          9
                import org.dizitart.no2.objects.Id;
```

```
10
15
16
17
18
                * @author silas
                */
19
20
       11
               public class Sale implements Serializable, TableContract {
                   private final static long serialVersionUID = 1L;
21
22
                   private static SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy
23
               HH:mm:ss");
24
                   private static final long serialVersionUID = 1L;
       12
       13
                   private static final SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy
               HH:mm:ss");
        14
25
        15
                   @Id
                   private Long id;
26
        16
27
        17
28
        18
                   private Set<SaleItem> items = new HashSet<>();
29
30
        19
                   private Employee employee;
31
        20
                   private Customer customer;
32
        21
                   private Integer payment;
        22
                   private Integer installments;
33
34
35
                   public static final int MONEY = 1;
                   public static final int CREDIT = 2;
36
                   public static final int DEBIT = 3;
37
                   public static final int MONEY_CREDIT = 4;
38
39
        23
40
                   private Date moment;
41
        24
                   public static class PaymentType {
        25
                       public static final int MONEY = 1;
        26
                       public static final int CREDIT = 2;
        27
                       public static final int DEBIT = 3;
        28
        29
                       public static final int MONEY_CREDIT = 4;
        30
                   }
        31
42
        32
                   public Sale() {
43
        33
44
        34
                   }
45
        35
46
        36
                   public Long getId() {
54
        44
                   public Set<SaleItem> getItems() {
55
        45
                       return items;
56
        46
                   }
57
        47
```

```
48
 58
                    public Date getMoment() {
 59
         49
                         return moment;
60
         50
                    }
 61
         51
         52
                    public void setMoment(Date moment) {
62
63
         53
                         this.moment = moment;
64
         54
 65
         55
         56
                    public void addItem(SaleItem item) {
66
                         items.add(item);
67
         57
         58
 68
69
         59
70
                    public void removeItem(SaleItem item) {
         60
71
                         items.remove(item);
         61
72
         62
                    }
73
         63
74
                    public Employee getEmployee() {
         64
75
         65
                         return employee;
76
         66
77
        67
                    public String getEmployeeName() {
78
         68
                         if (employee == null) {
79
                             return "N/A";
80
81
                         }
82
                         else {
83
                             return employee.getName();
 84
                         return (employee == null) ? "N/A" : employee.getName();
         69
         70
                    }
 85
         71
 86
                    public void setEmployee(Employee employee) {
 87
        72
                    public Customer getCustomer() {
91
         76
         77
92
                         return customer;
        78
93
                    }
 94
        79
         80
                    public String getCustomerName() {
95
                         if (customer == null) {
96
                             return "N/A";
97
98
                         }
99
                         else {
100
                             return customer.getName();
101
                         }
                         return (customer == null) ? "N/A" : customer.getName();
         81
                    }
102
         82
103
         83
104
         84
                    public String getCustomerCpf() {
```

```
105
                        if (customer == null) {
                             return "N/A";
106
107
                        }
108
                        else {
109
                             return customer.getCpf();
110
                        return (customer == null) ? "N/A" : customer.getCpf();
         85
111
                    }
         86
112
         87
                    public void setCustomer(Customer customer) {
113
         88
114
         89
                        this.customer = customer;
                    }
115
        90
116
         91
        92
                    public String getPaymentName() {
117
                        if (payment == null) {
118
        93
                             throw new IllegalStateException("O método de pagamento não pode ser
119
         94
                nulo.");
120
         95
                        if (payment == MONEY) {
121
        96
                        if (payment == PaymentType.MONEY) {
                             return "DINHEIRO";
122
        97
123
         98
                        }
                        if (payment == CREDIT) {
124
                        if (payment == PaymentType.CREDIT) {
         99
        100
                             return "CRÉDITO";
125
126
        101
                        }
                        if (payment == DEBIT) {
127
                        if (payment == PaymentType.DEBIT) {
        102
                             return "DÉBITO";
        103
128
129
        104
                        }
                        if (payment == MONEY_CREDIT) {
130
                        if (payment == PaymentType.MONEY_CREDIT) {
        105
        106
                             return "DINHEIRO + CRÉDITO";
131
132
        107
                        }
                        return "N/A";
133
        108
137
        112
                        return payment;
138
        113
                    }
139
        114
140
                     * Método de pagamento como um int.
141
                     * É recomendado usar:
142
                     * Sale.MONEY
143
                     * Sale.CREDIT
144
                     * Sale.DEBIT
145
                     * Sale.MONEY_CREDIT
146
147
148
                     * @param payment não pode ser nulo
149
                     * @param installments pode ser nulo
                     */
150
151
        115
                    public void setPayment(int payment) {
152
                        if (payment > 4 || payment < 1) {</pre>
        116
```

```
153
        117
                             throw new IllegalArgumentException("Opção inválida");
154
        118
                        }
155
156
        119
                        this.payment = payment;
157
158
        120
                    }
159
        121
160
                    public Object getInstallments() {
                        if (installments == null) {
161
                             return "N/A";
162
163
164
                        return installments;
                    public Object getFormattedInstallments() {
        122
        123
                         return (installments == null) ? "N/A" : installments;
165
        124
                    }
        125
166
                    public void setInstallments(Integer installments) {
167
        126
                         if (payment == null) {
        127
168
        128
                             throw new IllegalStateException("O método de pagamento ainda não foi
169
                definido.");
170
        129
                        }
                        if (payment == Sale.CREDIT || payment == Sale.MONEY_CREDIT){
171
        130
                         if (payment == PaymentType.CREDIT || payment == PaymentType.MONEY_CREDIT) {
                             this.installments = installments;
172
        131
173
        132
        133
174
                    }
175
        134
        135
                    public String getFormattedDate() {
176
                         return sdf.format(moment);
177
        136
178
        137
                    }
179
        138
        139
                    public Double getTotal() {
180
        140
                        double sum = 0.0;
181
182
        141
        142
                        for (SaleItem element : items) {
183
184
        143
                             sum += element.getSubTotal();
        144
                        }
185
        147
188
                    @Override
189
        148
        149
                    public int hashCode() {
190
191
                         int hash = 7;
                        hash = 67 * hash + Objects.hashCode(this.id);
192
193
                         return hash;
        150
                         return Objects.hash(id);
194
        151
                    }
195
        152
        153
                    @Override
196
197
        154
                    public boolean equals(Object obj) {
198
        155
                        if (this == obj) {
```

```
03/12/2023, 16:22
```

```
199
        156
                            return true;
200
        157
                        }
201
                        if (obj == null) {
202
                            return false;
203
                        }
                        if (getClass() != obj.getClass()) {
204
205
                            return false;
206
                        final Sale other = (Sale) obj;
207
                        if (!Objects.equals(this.id, other.id)) {
208
        158
                        if (obj == null || getClass() != obj.getClass()) {
        159
                            return false;
209
210
        160
                        }
                        return true;
211
                        Sale other = (Sale) obj;
        161
                        return Objects.equals(id, other.id);
        162
212
        163
                    }
213
        164
        165
                    @Override
214
215
        166
                    public String toString() {
                        return "Sale{" + "id=" + id + ", items=" + items + ", moment=" + moment +
216
                "total=" + getTotal() +'}';
        167
                        return "Sale{" + "id=" + id + ", items=" + items + ", moment=" + moment +
                  total=" + getTotal() + '}';
217
        168
218
        169
219
        170
                    @Override
                    public Object[] tableRowModel() {
220
        171
                        return new Object[]{
221
        172
222
                            getId(),
                            String.format("%.2f", getTotal()),
223
224
                            getFormattedDate(),
                            (customer == null) ? "N/A" : getCustomer().getName(),
225
                             (customer == null) ? "N/A" : getCustomer().getCpf()
226
        173
                                getId(),
                               String.format("%.2f", getTotal()),
        174
        175
                               getFormattedDate(),
                                (customer == null) ? "N/A" : getCustomer().getName(),
        176
        177
                              (customer == null) ? "N/A" : getCustomer().getCpf()
227
        178
                        };
       179
                    }
228
229
230
        180
```

```
148
       148
       149
                        this.dispose();
149
       150
                        new Payment_Money(this, true).setVisible(true);
150
       155
                    }//GEN-LAST:event_jLabel3MouseClicked
155
156
       156
                    private void btDebitActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
157
       157
                FIRST:event_btDebitActionPerformed
158
                        saleWindow.getSale().setPayment(Sale.DEBIT);
       158
                        saleWindow.getSale().setPayment(Sale.PaymentType.DEBIT);
       159
159
160
       160
                        this.dispose();
161
       161
                        new Payment_Debit(this, true).setVisible(true);
       162
                    }//GEN-LAST:event btDebitActionPerformed
162
163
       163
       164
                    private void btCreditActionPerformed(java.awt.event.ActionEvent evt) {//GEN-
164
                FIRST:event btCreditActionPerformed
165
                        saleWindow.getSale().setPayment(Sale.CREDIT);
       165
                        saleWindow.getSale().setPayment(Sale.PaymentType.CREDIT);
       166
166
       167
                        this.dispose();
167
       168
                        new Payment_Credit(this, true).setVisible(true);
168
                    }//GEN-LAST:event_btCreditActionPerformed
169
       169
170
       170
       171
                    private void btCreditAndMoneyActionPerformed(java.awt.event.ActionEvent evt)
171
                {//GEN-FIRST:event_btCreditAndMoneyActionPerformed
172
                        saleWindow.getSale().setPayment(Sale.MONEY_CREDIT);
       172
                        saleWindow.getSale().setPayment(Sale.PaymentType.MONEY_CREDIT);
173
       173
       174
                        this.dispose();
174
                        new Payment_MoneyAndCredit(this, true).setVisible(true);
175
       175
```

**0 comments on commit** d1971e6

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