tactusoft / **loteriabogota**

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Commit 155ac3c

Carlos A Sarmiento committed yesterday

```
Codigos Promocionales
```

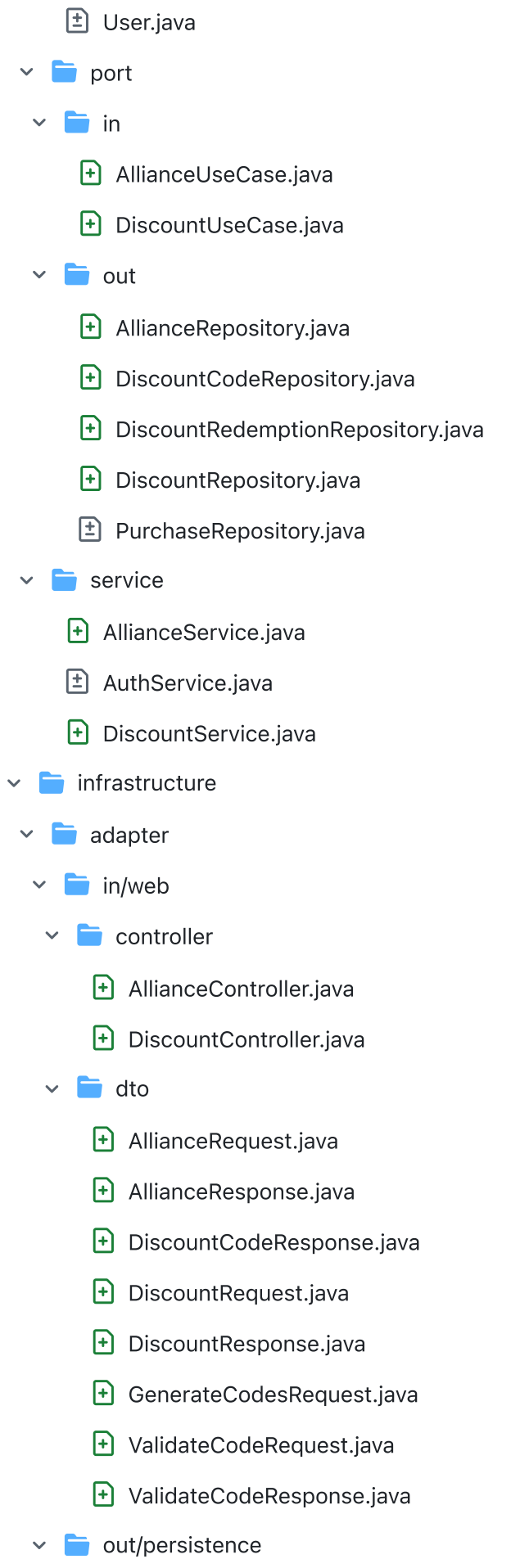
master

1 parent cf81701 commit 155ac3c

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Some content is hidden

Large Commits have some content hidden by default. Use the searchbox below for content that may be hidden.

54 files changed +2124 -21 lines changed

Search within code

.claude/settings.local.json

```
@@ -10,7 +10,9 @@
          "Bash(source ~/.nvm/nvm.sh)",
          "Bash(nvm use:*)",
          "Bash(mvn dependency:tree -q)",
-         "Bash(mvn dependency:tree)"
+         "Bash(mvn dependency:tree)",
+         "Bash(grep -l \"ERROR\\\\|FAILED\"
/Users/carlossarmiento/Developer/LOTBOGOTA/loteriabogota/backend/target/surefire-
reports/*.txt)",
+         "Bash(mvn flyway:info -
Dflyway.url=\"jdbc:oracle:thin:@loteriadesbd01_high\")"
      ]
```

…ota/loteriabackend/domain/model/Alliance.java

```
@@ -0,0 +1,43 @@
+ package co.gov.loteriabogota.loteriabackend.domain.model;
+
+ import java.time.Instant;
+
+ public class Alliance {
+
+     private Long id;
+     private String name;
+     private String description;
+     private String contactName;
+     private String contactEmail;
+     private String contactPhone;
+     private boolean active;
```

```
14  +     private Instant createdAt;
15  +     private Instant updatedAt;
16  +
17  +     public Alliance() {}
18  +
19  +     public Alliance(String name, String description) {
20  +         this.name = name;
21  +         this.description = description;
22  +         this.active = true;
23  +     }
24  +
25  +     public Long getId() { return id; }
26  +     public void setId(Long id) { this.id = id; }
27  +     public String getName() { return name; }
28  +     public void setName(String name) { this.name = name; }
29  +     public String getDescription() { return description; }
30  +     public void setDescription(String description) { this.description =
      description; }
31  +     public String getContactName() { return contactName; }
32  +     public void setContactName(String contactName) { this.contactName =
      contactName; }
33  +     public String getContactEmail() { return contactEmail; }
34  +     public void setContactEmail(String contactEmail) { this.contactEmail =
      contactEmail; }
35  +     public String getContactPhone() { return contactPhone; }
36  +     public void setContactPhone(String contactPhone) { this.contactPhone =
      contactPhone; }
37  +     public boolean isActive() { return active; }
38  +     public void setActive(boolean active) { this.active = active; }
39  +     public Instant getCreatedAt() { return createdAt; }
```

…abackend/domain/model/CodeGenerationMode.java

```
@@ -0,0 +1,6 @@
1  + package co.gov.loteriabogota.loteriabackend.domain.model;
2  +
3  + public enum CodeGenerationMode {
4  +     SINGLE,
5  +     BATCH
6  + }
```

…ota/loteriabackend/domain/model/Discount.java

@@ -0,0 +1,132 @@

```
1  + package co.gov.loteriabogota.loteriabackend.domain.model;
2  +
3  + import java.math.BigDecimal;
4  + import java.time.Instant;
5  + import java.util.ArrayList;
6  + import java.util.List;
7  +
8  + public class Discount {
9  +
10 +     private Long id;
11 +     private Long allianceId;
12 +     private String name;
13 +     private String description;
14 +     private DiscountType discountType;
15 +     private BigDecimal value;
16 +     private Integer buyQuantity;
17 +     private Integer payQuantity;
18 +     private BigDecimal maxDiscountCap;
19 +     private boolean requiresCode;
20 +     private CodeGenerationMode codeGenerationMode;
21 +     private Instant validFrom;
22 +     private Instant validUntil;
23 +     private Integer maxTotalRedemptions;
24 +     private Integer maxPerUser;
25 +     private BigDecimal minAmount;
26 +     private Integer minFractions;
27 +     private boolean firstPurchaseOnly;
28 +     private boolean active;
29 +     private int totalRedemptions;
30 +     private Long createdBy;
31 +     private Instant createdAt;
32 +     private Instant updatedAt;
33 +     private List<Integer> applicableSorteos = new ArrayList<>();
34 +
35 +     public boolean isExpired() {
36 +         return Instant.now().isAfter(validUntil);
37 +     }
38 +
39 +     public boolean isNotYetValid() {
40 +         return Instant.now().isBefore(validFrom);
41 +     }
```

```
42  +
43  +     public boolean isWithinValidPeriod() {
44  +         Instant now = Instant.now();
45  +         return !now.isBefore(validFrom) && !now.isAfter(validUntil);
46  +     }
47  +
48  +     public boolean hasReachedMaxRedemptions() {
49  +         return maxTotalRedemptions != null && totalRedemptions >=
      maxTotalRedemptions;
50  +     }
51  +
52  +     public boolean appliesToSorteo(int sorteo) {
53  +         return applicableSorteos.isEmpty() || applicableSorteos.contains(sorteo);
54  +     }
55  +
56  +     public BigDecimal calculateDiscount(BigDecimal originalAmount, int fractions)
      {
57  +         switch (discountType) {
58  +             case PERCENTAGE -> {
59  +                 BigDecimal discount =
      originalAmount.multiply(value).divide(BigDecimal.valueOf(100));
60  +                 if (maxDiscountCap != null && discount.compareTo(maxDiscountCap)
      > 0) {
61  +                     discount = maxDiscountCap;
62  +                 }
63  +                 return discount;
64  +             }
65  +             case FIXED_AMOUNT -> {
66  +                 return value.min(originalAmount);
67  +             }
68  +             case NXM -> {
69  +                 if (buyQuantity == null || payQuantity == null || buyQuantity <=
      payQuantity) {
70  +                     return BigDecimal.ZERO;
71  +                 }
72  +                 if (fractions < buyQuantity) {
73  +                     return BigDecimal.ZERO;
74  +                 }
75  +                 BigDecimal pricePerFraction =
      originalAmount.divide(BigDecimal.valueOf(fractions), 2,
      java.math.RoundingMode.HALF_UP);
76  +                 int freeFractions = buyQuantity - payQuantity;
```

```
77  +                 int sets = fractions / buyQuantity;
78  +                 return pricePerFraction.multiply(BigDecimal.valueOf((long)
    freeFractions * sets));
79  +             }
80  +             default -> { return BigDecimal.ZERO; }
81  +         }
82  +     }
83  +
84  +     public Long getId() { return id; }
85  +     public void setId(Long id) { this.id = id; }
86  +     public Long getAllianceId() { return allianceId; }
87  +     public void setAllianceId(Long allianceId) { this.allianceId = allianceId; }
88  +     public String getName() { return name; }
89  +     public void setName(String name) { this.name = name; }
90  +     public String getDescription() { return description; }
91  +     public void setDescription(String description) { this.description =
    description; }
92  +     public DiscountType getDiscountType() { return discountType; }
93  +     public void setDiscountType(DiscountType discountType) { this.discountType =
    discountType; }
94  +     public BigDecimal getValue() { return value; }
95  +     public void setValue(BigDecimal value) { this.value = value; }
96  +     public Integer getBuyQuantity() { return buyQuantity; }
97  +     public void setBuyQuantity(Integer buyQuantity) { this.buyQuantity =
    buyQuantity; }
98  +     public Integer getPayQuantity() { return payQuantity; }
99  +     public void setPayQuantity(Integer payQuantity) { this.payQuantity =
    payQuantity; }
100 +     public BigDecimal getMaxDiscountCap() { return maxDiscountCap; }
101 +     public void setMaxDiscountCap(BigDecimal maxDiscountCap) {
    this.maxDiscountCap = maxDiscountCap; }
102 +     public boolean isRequiresCode() { return requiresCode; }
103 +     public void setRequiresCode(boolean requiresCode) { this.requiresCode =
    requiresCode; }
104 +     public CodeGenerationMode getCodeGenerationMode() { return
    codeGenerationMode; }
105 +     public void setCodeGenerationMode(CodeGenerationMode codeGenerationMode) {
    this.codeGenerationMode = codeGenerationMode; }
106 +     public Instant getValidFrom() { return validFrom; }
107 +     public void setValidFrom(Instant validFrom) { this.validFrom = validFrom; }
108 +     public Instant getValidUntil() { return validUntil; }
```

```
109  +     public void setValidUntil(Instant validUntil) { this.validUntil = validUntil;
       }
110  +     public Integer getMaxTotalRedemptions() { return maxTotalRedemptions; }
111  +     public void setMaxTotalRedemptions(Integer maxTotalRedemptions) {
       this.maxTotalRedemptions = maxTotalRedemptions; }
112  +     public Integer getMaxPerUser() { return maxPerUser; }
113  +     public void setMaxPerUser(Integer maxPerUser) { this.maxPerUser = maxPerUser;
```

…loteriabackend/domain/model/DiscountCode.java

```
•••    @@ -0,0 +1,33 @@
1    + package co.gov.loteriabogota.loteriabackend.domain.model;
2    +
3    + import java.time.Instant;
4    +
5    + public class DiscountCode {
6    +
7    +     private Long id;
8    +     private Long discountId;
9    +     private String code;
10   +     private int maxRedemptions;
11   +     private int totalRedemptions;
12   +     private boolean active;
13   +     private Instant createdAt;
14   +
15   +     public boolean isRedeemable() {
16   +         return active && totalRedemptions < maxRedemptions;
17   +     }
18   +
19   +     public Long getId() { return id; }
20   +     public void setId(Long id) { this.id = id; }
21   +     public Long getDiscountId() { return discountId; }
22   +     public void setDiscountId(Long discountId) { this.discountId = discountId; }
23   +     public String getCode() { return code; }
24   +     public void setCode(String code) { this.code = code; }
25   +     public int getMaxRedemptions() { return maxRedemptions; }


26   +     public void setMaxRedemptions(int maxRedemptions) { this.maxRedemptions =
       maxRedemptions; }
27   +     public int getTotalRedemptions() { return totalRedemptions; }
28   +     public void setTotalRedemptions(int totalRedemptions) { this.totalRedemptions
       = totalRedemptions; }
29   +     public boolean isActive() { return active; }
```

```
30  +     public void setActive(boolean active) { this.active = active; }
31  +     public Instant getCreatedAt() { return createdAt; }
32  +     public void setCreatedAt(Instant createdAt) { this.createdAt = createdAt; }
33  + }
```

Comments 0

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