

RecebimentoService.java

```

1  package net.originmobi.pdv.service;
2
3  import java.util.ArrayList;
4  import java.util.List;
5  import java.util.Optional;
6
7  import org.springframework.beans.factory.annotation.Autowired;
8  import org.springframework.stereotype.Service;
9  import org.springframework.transaction.annotation.Propagation;
10 import org.springframework.transaction.annotation.Transactional;
11
12 import com.ibm.icu.text.DecimalFormat;
13
14 import net.originmobi.pdv.controller.TituloService;
15 import net.originmobi.pdv.enumerado.TituloTipoEnum;
16 import net.originmobi.pdv.enumerado.caixa.EstiloLancamento;
17 import net.originmobi.pdv.enumerado.caixa.TipoLancamento;
18 import net.originmobi.pdv.model.Caixa;
19 import net.originmobi.pdv.model.CaixaLancamento;
20 import net.originmobi.pdv.model.Parcela;
21 import net.originmobi.pdv.model.Pessoa;
22 import net.originmobi.pdv.model.Recebimento;
23 import net.originmobi.pdv.model.Titulo;
24 import net.originmobi.pdv.model.Usuario;
25 import net.originmobi.pdv.repository.RecebimentoRepository;
26 import net.originmobi.pdv.service.cartao.CartaoLancamentoService;
27 import net.originmobi.pdv.singleton.Aplicacao;
28 import net.originmobi.pdv.utilitarios.DataAtual;
29
30 @Service
31 public class RecebimentoService {
32
33     @Autowired
34     private RecebimentoRepository recebimentos;
35
36     @Autowired
37     private PessoaService pessoas;
38
39     @Autowired
40     private RecebimentoParcelaService receParcelas;
41
42     @Autowired
43     private ParcelaService parcelas;
44
45     @Autowired
46     private CaixaService caixas;
47
48     @Autowired
49     private UsuarioService usuarios;
50
51     @Autowired
52     private CaixaLancamentoService lancamentos;
53
54     @Autowired
55     private TituloService titulos;
56
57     @Autowired
58     private CartaoLancamentoService cartaoLancamentos;
59
60     public String abrirRecebimento(Long codpes, String[] arrayParcelas) {
61         1         List<Parcela> lista = new ArrayList<>();
62
63         1         DataAtual dataAtual = new DataAtual();
64         6         Double vlTotal = 0.0;
65
66         19         for (int i = 0; i < arrayParcelas.length; i++) {
67             7             Parcela parcela = parcelas.busca(Long.decode(arrayParcelas[i]));
68
69             15             if (parcela.getQuitado() == 1)
70                 8                 throw new RuntimeException("Parcela " + parcela.getCodigo() + " já esta quitada, v
71
72             7             if (parcela.getReceber().getPessoa().getCodigo() != codpes)
73                 8                 throw new RuntimeException("A parcela " + parcela.getCodigo() + " não pertence ao
74
75             try {
76                 1                 lista.add(parcela);
77

```

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78 11          vlTotal = vlTotal + parcela.getValor_restante();
79
80          } catch (Exception e) {
81 1      e.getMessage();
82 1      throw new RuntimeException("Erro ao receber, chame o suporte");
83      }
84  }
85
86 1      Optional<Pessoa> pessoa = pessoas.buscaPessoa(codpes);
87
88 9      if (!pessoa.isPresent())
89 1      throw new RuntimeException("Cliente não encontrado");
90
91 3      Recebimento recebimento = new Recebimento(vlTotal, dataAtual.dataAtualTimeStamp(), pessoa.get(), 1
92
93      try {
94 2          recebimentos.save(recebimento);
95      } catch (Exception e) {
96 1      e.getMessage();
97 1      throw new RuntimeException("Erro ao receber, chame o suporte");
98      }
99
100 4      return recebimento.getCodigo().toString();
101  }
102
103  @Transactional(readOnly = false, propagation = Propagation.REQUIRED)
104  public String receber(Long codreceber, Double vlrecebido, Double vlacrescimo, Double vl desconto, Long codt
105 1      Optional<Recebimento> recebimento = recebimentos.findById(codreceber);
106 1      Optional<Titulo> titulo = titulos.busca(codtitulo);
107
108 18      if (codtitulo == 0 || codtitulo == null)
109 1      throw new RuntimeException("Selecione um título para realizar o recebimento");
110
111 11      if (recebimento.map(Recebimento::getData_processamento).isPresent())
112 1      throw new RuntimeException("Recebimento já esta fechado");
113
114      // vincula o titulo ao recebimento
115 3      recebimento.get().setTitulo(titulo.get());
116
117 1      DecimalFormat formata = new DecimalFormat("0.00");
118      Double vlrecebimento = Double
119 8          .valueOf(formata.format(recebimento.map(Recebimento::getValor_total).get()).replac
120
121 11      if (vlrecebido > vlrecebimento)
122 1      throw new RuntimeException("Valor de recebimento é superior aos títulos");
123
124 1      List<Parcela> listParcelas = receParcelas.parcelasDoReceber(codreceber);
125
126 9      if (listParcelas.isEmpty())
127 1      throw new RuntimeException("Recebimento não possui parcelas");
128
129 15      if (vlrecebido <= 0.0)
130 1      throw new RuntimeException("Valor de recebimento inválido");
131
132      // guarda o valor do lançamento de caixa
133      Double vllancamento = vlrecebido;
134
135      // verifica cada parcela que veio e realiza o seu recebimento individual
136 20      for (int i = 0; i < listParcelas.size(); i++) {
137
138 15          if (vlrecebido > 0) {
139 17              Double vlsobra = vlrecebido - listParcelas.get(i).getValor_restante();
140 22              vlsobra = vlsobra < 0 ? 0 : vlsobra;
141
142 10              Double vlquitado = vlsobra - vlrecebido;
143 31              vlquitado = vlquitado < 0 ? vlquitado * -1 : vlquitado;
144
145              vlrecebido = vlsobra;
146
147 7              Long parcela = listParcelas.get(i).getCodigo();
148
149              try {
150
151 13                  parcelas.receber(parcela, vlquitado, 0.00, 0.00);
152              } catch (Exception e) {
153 1      e.getMessage();
154 1      throw new RuntimeException("Ocorreu um erro ao realizar o recebimento, cha
155              }
156          }
157
158      }

```

```

159
160 1        Aplicacao aplicacao = new Aplicacao();
161 2        Usuario usuario = usuarios.buscaUsuario(aplicacao.getUsuarioAtual());
162
163        // pega a sigla do titulo
164 4        String sigla = titulo.map(Titulo::getTipo).get().getSigla();
165
166        // verifica se é um lançamento do tipo cartão para lançar o cartao_lancamento
167 20        if (sigla.equals(TituloTipoEnum.CARTDEB.toString()) || sigla.equals(TituloTipoEnum.CARTCRED.toStri
168 1            cartaoLancamentos.lancamento(vllancamento, titulo);
169
170        } else {
171 1            Optional<Caixa> caixa = caixas.caixaAberto();
172 5            CaixaLancamento lancamento = new CaixaLancamento("Referente ao recebimento " + codreceber,
173 1                TipoLancamento.RECEBIMENTO, EstiloLancamento.ENTRADA, caixa.get(), usuario
174
175            // vincula o recebimento ao caixa_lancamento
176 2            lancamento.setRecebimento(recebimento.get());
177
178            // Faz um caixa lançamento no valor do receber;
179            try {
180 1                lancamentos.lancamento(lancamento);
181            } catch (Exception e) {
182 1                e.getMessage();
183 1                throw new RuntimeException("Ocorreu um erro ao realizar o recebimento, chame o sup
184            }
185        }
186
187        try {
188 1            DataAtual dataAtual = new DataAtual();
189
190 2            recebimento.get().setValor_recebido(vllancamento);
191 2            recebimento.get().setValor_acrescimo(vlacrescimo);
192 2            recebimento.get().setValor_desconto(vldesconto);
193 3            recebimento.get().setData_processamento(dataAtual.dataAtualTimeStamp());
194
195 3            recebimentos.save(recebimento.get());
196        } catch (Exception e) {
197 1            e.getMessage();
198 1            throw new RuntimeException("Ocorreu um erro ao realizar o recebimento, chame o suporte");
199        }
200
201 2        return "Recebimento realizado com sucesso";
202    }
203
204    public String remover(Long codigo) {
205 1        Optional<Recebimento> recebimento = recebimentos.findById(codigo);
206
207 11        if (recebimento.map(Recebimento::getData_processamento).isPresent())
208 1            throw new RuntimeException("Esse recebimento não pode ser removido, pois ele já esta proce
209
210        try {
211 1            recebimentos.deleteById(codigo);
212        } catch (Exception e) {
213 2            System.out.println(e.getMessage());
214 1            throw new RuntimeException("Erro ao remover orçamento, chame o suporte");
215        }
216
217 2        return "removido com sucesso";
218    }
219
220 }

```

Mutations

- 61 1. removed call to java/util/ArrayList::<init> → KILLED
- 63 1. removed call to net/originmobi/pdv/utilitarios/DataAtual::<init> → KILLED
1. Substituted 0.0 with 1.0 → SURVIVED
2. removed call to java/lang/Double::valueOf → KILLED
- 64 3. Substituted 0.0 with 1.0 → SURVIVED
4. Substituted 0.0 with -1.0 → SURVIVED
5. Substituted 0.0 with 1.0 → SURVIVED
6. Substituted 0.0 with -1.0 → SURVIVED
- 66 1. changed conditional boundary → KILLED
2. Substituted 0 with 1 → KILLED
3. negated conditional → KILLED
4. removed conditional - replaced comparison check with false → KILLED
5. removed conditional - replaced comparison check with true → KILLED
6. Negated integer local variable number 6 → KILLED
7. Substituted 0 with 1 → KILLED
8. Substituted 0 with -1 → KILLED
9. Substituted 0 with 1 → KILLED
10. Substituted 0 with -1 → KILLED
11. Less than to less or equal → KILLED

12. Less than to greater than → KILLED
 13. Less than to greater or equal → KILLED
 14. Less than to equal → KILLED
 15. Less than to not equal → SURVIVED
 16. Incremented (a++) integer local variable number 6 → KILLED
 17. Decrementd (a--) integer local variable number 6 → KILLED
 18. Incremented (++a) integer local variable number 6 → KILLED
 19. Decrementd (--a) integer local variable number 6 → KILLED
 1. Decrementd (a--) integer local variable number 6 → TIMED_OUT
 2. removed call to java/lang/Long::decode → KILLED
 3. removed call to net/originmobi/pdv/service/ParcelaService::busca → KILLED
 67 4. Negated integer local variable number 6 → KILLED
 5. Incremented (a++) integer local variable number 6 → KILLED
 6. Incremented (++a) integer local variable number 6 → KILLED
 7. Decrementd (--a) integer local variable number 6 → KILLED
 1. Substituted 1 with 0 → KILLED
 2. negated conditional → KILLED
 3. removed call to net/originmobi/pdv/model/Parcela::getQuitado → KILLED
 4. removed conditional - replaced equality check with false → KILLED
 5. removed conditional - replaced equality check with true → KILLED
 6. Substituted 1 with 0 → KILLED
 7. Substituted 1 with -1 → KILLED
 69 8. Substituted 1 with -1 → KILLED
 9. Substituted 1 with 2 → KILLED
 10. Substituted 1 with 0 → KILLED
 11. not equal to less than → SURVIVED
 12. not equal to less or equal → KILLED
 13. not equal to greater than → KILLED
 14. not equal to greater or equal → KILLED
 15. not equal to equal → KILLED
 1. removed call to java/lang/StringBuilder::<init> → KILLED
 2. removed call to java/lang/RuntimeException::<init> → KILLED
 3. removed call to net/originmobi/pdv/model/Parcela::getCodigo → KILLED
 70 4. removed call to java/lang/StringBuilder::append → KILLED
 5. removed call to java/lang/StringBuilder::append → KILLED
 6. removed call to java/lang/StringBuilder::toString → KILLED
 7. replaced call to java/lang/StringBuilder::append with receiver → KILLED
 8. replaced call to java/lang/StringBuilder::append with receiver → KILLED
 1. negated conditional → KILLED
 2. removed call to net/originmobi/pdv/model/Parcela::getReceber → KILLED
 3. removed call to net/originmobi/pdv/model/Receber::getPessoa → KILLED
 72 4. removed call to net/originmobi/pdv/model/Pessoa::getCodigo → KILLED
 5. removed conditional - replaced equality check with false → KILLED
 6. removed conditional - replaced equality check with true → KILLED
 7. equal to not equal → KILLED
 1. removed call to java/lang/StringBuilder::<init> → KILLED
 2. removed call to java/lang/RuntimeException::<init> → KILLED
 3. removed call to net/originmobi/pdv/model/Parcela::getCodigo → KILLED
 73 4. removed call to java/lang/StringBuilder::append → KILLED
 5. removed call to java/lang/StringBuilder::append → KILLED
 6. removed call to java/lang/StringBuilder::toString → KILLED
 7. replaced call to java/lang/StringBuilder::append with receiver → KILLED
 8. replaced call to java/lang/StringBuilder::append with receiver → KILLED
 76 1. removed call to java/util/List::add → SURVIVED
 1. Replaced double addition with subtraction → SURVIVED
 2. removed call to java/lang/Double::doubleValue → SURVIVED
 3. removed call to net/originmobi/pdv/model/Parcela::getValor_restante → KILLED
 4. removed call to java/lang/Double::doubleValue → SURVIVED
 5. removed call to java/lang/Double::valueOf → KILLED
 78 6. Replaced double operation with first member → SURVIVED
 7. Replaced double operation by second member → SURVIVED
 8. Replaced double addition with subtraction → SURVIVED
 9. Replaced double addition with multiplication → SURVIVED
 10. Replaced double addition with division → SURVIVED
 11. Replaced double addition with modulus → SURVIVED
 81 1. removed call to java/lang/Exception::getMessage → NO_COVERAGE
 82 1. removed call to java/lang/RuntimeException::<init> → NO_COVERAGE
 86 1. removed call to net/originmobi/pdv/service/PessoaService::buscaPessoa → KILLED
 1. negated conditional → KILLED
 2. removed call to java/util/Optional::isPresent → KILLED
 3. removed conditional - replaced equality check with false → KILLED
 4. removed conditional - replaced equality check with true → KILLED
 88 5. not equal to less than → KILLED
 6. not equal to less or equal → KILLED
 7. not equal to greater than → SURVIVED
 8. not equal to greater or equal → KILLED
 9. not equal to equal → KILLED
 89 1. removed call to java/lang/RuntimeException::<init> → KILLED
 1. removed call to net/originmobi/pdv/model/Recebimento::<init> → KILLED
 91 2. removed call to net/originmobi/pdv/utilitarios/DataAtual::dataAtualTimeStamp → SURVIVED
 3. removed call to java/util/Optional::get → SURVIVED
 94 1. replaced call to net/originmobi/pdv/repository/RecebimentoRepository::save with argument → KILLED
 2. removed call to net/originmobi/pdv/repository/RecebimentoRepository::save → KILLED
 96 1. removed call to java/lang/Exception::getMessage → NO_COVERAGE
 97 1. removed call to java/lang/RuntimeException::<init> → NO_COVERAGE
 1. replaced return value with "" for net/originmobi/pdv/service/RecebimentoService::abrirRecebimento → KILLED
 2. removed call to net/originmobi/pdv/model/Recebimento::getCodigo → KILLED
 100 3. removed call to java/lang/Long::toString → KILLED
 4. mutated return of Object value for net/originmobi/pdv/service/RecebimentoService::abrirRecebimento to (if (x !
 throw new RuntimeException) → KILLED
 105 1. removed call to net/originmobi/pdv/repository/RecebimentoRepository::findById → KILLED
 106 1. removed call to net/originmobi/pdv/controller/TituloService::busca → KILLED
 108 1. Substituted 0 with 1 → KILLED
 2. negated conditional → KILLED
 3. negated conditional → KILLED
 4. removed call to java/lang/Long::longValue → KILLED

- 5. removed conditional - replaced equality check with false → KILLED
- 6. removed conditional - replaced equality check with false → SURVIVED
- 7. removed conditional - replaced equality check with true → KILLED
- 8. removed conditional - replaced equality check with true → KILLED
- 9. Substituted 0 with 1 → KILLED
- 10. Substituted 0 with -1 → KILLED
- 11. Substituted 0 with 1 → KILLED
- 12. Substituted 0 with -1 → KILLED
- 13. equal to less than → KILLED
- 14. equal to less or equal → SURVIVED
- 15. equal to greater than → KILLED
- 16. equal to greater or equal → KILLED
- 17. equal to not equal → KILLED
- 18. not equal to equal → KILLED
- [109](#) 1. removed call to java/lang/RuntimeException::<init> → KILLED
- 1. negated conditional → KILLED
- 2. removed call to java/util/Optional::map → KILLED
- 3. removed call to java/util/Optional::isPresent → KILLED
- 4. removed conditional - replaced equality check with false → KILLED
- 5. removed conditional - replaced equality check with true → KILLED
- [111](#) 6. replaced call to java/util/Optional::map with receiver → KILLED
- 7. equal to less than → KILLED
- 8. equal to less or equal → SURVIVED
- 9. equal to greater than → KILLED
- 10. equal to greater or equal → KILLED
- 11. equal to not equal → KILLED
- [112](#) 1. removed call to java/lang/RuntimeException::<init> → KILLED
- [115](#) 1. removed call to java/util/Optional::get → KILLED
- 2. removed call to java/util/Optional::get → KILLED
- 3. removed call to net/originmobi/pdv/model/Recebimento::setTitulo → KILLED
- [117](#) 1. removed call to com/ibm/icu/text/DecimalFormat::<init> → KILLED
- 1. replaced call to java/lang/String::replaceAll with argument → KILLED
- 2. removed call to java/util/Optional::map → KILLED
- 3. removed call to java/util/Optional::get → KILLED
- [119](#) 4. removed call to com/ibm/icu/text/DecimalFormat::format → KILLED
- 5. removed call to java/lang/String::replaceAll → KILLED
- 6. removed call to java/lang/Double::valueOf → KILLED
- 7. replaced call to java/util/Optional::map with receiver → KILLED
- 8. replaced call to java/lang/String::replaceAll with receiver → KILLED
- 1. changed conditional boundary → KILLED
- 2. negated conditional → KILLED
- 3. removed call to java/lang/Double::doubleValue → KILLED
- 4. removed call to java/lang/Double::doubleValue → KILLED
- 5. removed conditional - replaced comparison check with false → KILLED
- [121](#) 6. removed conditional - replaced comparison check with true → KILLED
- 7. Less or equal to less than → KILLED
- 8. Less or equal to greater than → KILLED
- 9. Less or equal to greater or equal → KILLED
- 10. Less or equal to equal → KILLED
- 11. Less or equal to not equal → KILLED
- [122](#) 1. removed call to java/lang/RuntimeException::<init> → KILLED
- [124](#) 1. removed call to net/originmobi/pdv/service/RecebimentoParcelaService::parcelasDoReceber → KILLED
- 1. negated conditional → KILLED
- 2. removed call to java/util/List::isEmpty → KILLED
- 3. removed conditional - replaced equality check with false → KILLED
- 4. removed conditional - replaced equality check with true → KILLED
- [126](#) 5. equal to less than → KILLED
- 6. equal to less or equal → SURVIVED
- 7. equal to greater than → KILLED
- 8. equal to greater or equal → KILLED
- 9. equal to not equal → KILLED
- [127](#) 1. removed call to java/lang/RuntimeException::<init> → KILLED
- 1. changed conditional boundary → KILLED
- 2. Substituted 0.0 with 1.0 → SURVIVED
- 3. negated conditional → KILLED
- 4. removed call to java/lang/Double::doubleValue → KILLED
- 5. removed conditional - replaced comparison check with false → KILLED
- 6. removed conditional - replaced comparison check with true → KILLED
- 7. Substituted 0.0 with 1.0 → SURVIVED
- [129](#) 8. Substituted 0.0 with -1.0 → KILLED
- 9. Substituted 0.0 with 1.0 → SURVIVED
- 10. Substituted 0.0 with -1.0 → KILLED
- 11. greater than to less than → KILLED
- 12. greater than to less or equal → KILLED
- 13. greater than to greater or equal → KILLED
- 14. greater than to equal → KILLED
- 15. greater than to not equal → SURVIVED
- [130](#) 1. removed call to java/lang/RuntimeException::<init> → KILLED
- 1. removed conditional - replaced comparison check with false → TIMED_OUT
- 2. changed conditional boundary → KILLED
- 3. Substituted 0 with 1 → KILLED
- 4. negated conditional → KILLED
- 5. removed call to java/util/List::size → KILLED
- 6. removed conditional - replaced comparison check with true → KILLED
- 7. Negated integer local variable number 12 → KILLED
- 8. Substituted 0 with 1 → KILLED
- 9. Substituted 0 with -1 → KILLED
- [136](#) 10. Substituted 0 with 1 → KILLED
- 11. Substituted 0 with -1 → KILLED
- 12. Less than to less or equal → KILLED
- 13. Less than to greater than → KILLED
- 14. Less than to greater or equal → KILLED
- 15. Less than to equal → KILLED
- 16. Less than to not equal → SURVIVED
- 17. Incremented (a++) integer local variable number 12 → KILLED
- 18. Decrement (a--) integer local variable number 12 → KILLED
- 19. Incremented (++a) integer local variable number 12 → KILLED
- 20. Decrement (--a) integer local variable number 12 → KILLED

- 138 1. changed conditional boundary → SURVIVED
 2. Substituted 0.0 with 1.0 → KILLED
 3. negated conditional → KILLED
 4. removed call to java/lang/Double::doubleValue → KILLED
 5. removed conditional - replaced comparison check with false → KILLED
 6. removed conditional - replaced comparison check with true → SURVIVED
 7. Substituted 0.0 with 1.0 → KILLED
 8. Substituted 0.0 with -1.0 → SURVIVED
 9. Substituted 0.0 with 1.0 → KILLED
 10. Substituted 0.0 with -1.0 → SURVIVED
 11. Less or equal to less than → SURVIVED
 12. Less or equal to greater than → KILLED
 13. Less or equal to greater or equal → KILLED
 14. Less or equal to equal → SURVIVED
 15. Less or equal to not equal → KILLED
1. Replaced double subtraction with addition → KILLED
 2. removed call to java/lang/Double::doubleValue → KILLED
 3. removed call to java/util/List::get → KILLED
 4. removed call to net/originmobi/pdv/model/Parcela::getValor_restante → KILLED
 5. removed call to java/lang/Double::doubleValue → KILLED
 6. removed call to java/lang/Double::valueOf → KILLED
 7. Negated integer local variable number 12 → KILLED
 8. Replaced double operation with first member → KILLED
 9. Replaced double operation by second member → KILLED
 10. Replaced double subtraction with addition → KILLED
 11. Replaced double subtraction with multiplication → KILLED
 12. Replaced double subtraction with division → KILLED
 13. Replaced double subtraction with modulus → KILLED
 14. Incremented (a++) integer local variable number 12 → KILLED
 15. Decrementd (a--) integer local variable number 12 → KILLED
 16. Incremented (++a) integer local variable number 12 → KILLED
 17. Decrementd (--a) integer local variable number 12 → KILLED
- 139 1. changed conditional boundary → SURVIVED
 2. Substituted 0.0 with 1.0 → SURVIVED
 3. Substituted 0.0 with 1.0 → KILLED
 4. negated conditional → KILLED
 5. removed call to java/lang/Double::doubleValue → SURVIVED
 6. removed call to java/lang/Double::doubleValue → KILLED
 7. removed call to java/lang/Double::valueOf → KILLED
 8. removed conditional - replaced comparison check with false → SURVIVED
 9. removed conditional - replaced comparison check with true → KILLED
 10. Substituted 0.0 with 1.0 → SURVIVED
 11. Substituted 0.0 with 1.0 → KILLED
 12. Substituted 0.0 with -1.0 → SURVIVED
 13. Substituted 0.0 with -1.0 → SURVIVED
 14. Substituted 0.0 with 1.0 → SURVIVED
 15. Substituted 0.0 with 1.0 → KILLED
 16. Substituted 0.0 with -1.0 → SURVIVED
 17. Substituted 0.0 with -1.0 → SURVIVED
 18. greater or equal to less than → KILLED
 19. greater or equal to less or equal → KILLED
 20. greater or equal to greater than → SURVIVED
 21. greater or equal to equal → KILLED
 22. greater or equal to not equal → SURVIVED
- 140 1. Replaced double subtraction with addition → KILLED
 2. removed call to java/lang/Double::doubleValue → KILLED
 3. removed call to java/lang/Double::doubleValue → KILLED
 4. removed call to java/lang/Double::valueOf → KILLED
 5. Replaced double operation with first member → KILLED
 6. Replaced double operation by second member → KILLED
 7. Replaced double subtraction with addition → KILLED
 8. Replaced double subtraction with multiplication → KILLED
 9. Replaced double subtraction with division → KILLED
 10. Replaced double subtraction with modulus → KILLED
- 142 1. changed conditional boundary → SURVIVED
 2. Substituted 0.0 with 1.0 → SURVIVED
 3. Substituted -1.0 with 1.0 → KILLED
 4. Replaced double multiplication with division → SURVIVED
 5. negated conditional → KILLED
 6. removed call to java/lang/Double::doubleValue → KILLED
 7. removed call to java/lang/Double::doubleValue → KILLED
 8. removed call to java/lang/Double::doubleValue → NO_COVERAGE
 9. removed call to java/lang/Double::valueOf → KILLED
 10. removed conditional - replaced comparison check with false → KILLED
 11. removed conditional - replaced comparison check with true → SURVIVED
 12. Replaced double operation with first member → KILLED
 13. Replaced double operation by second member → KILLED
 14. Replaced double multiplication with division → SURVIVED
 15. Replaced double multiplication with modulus → KILLED
 16. Replaced double multiplication with addition → KILLED
 17. Replaced double multiplication with subtraction → KILLED
- 143 18. Substituted 0.0 with 1.0 → SURVIVED
 19. Substituted -1.0 with 1.0 → KILLED
 20. Substituted -1.0 with 0.0 → KILLED
 21. Substituted 0.0 with -1.0 → KILLED
 22. Substituted -1.0 with 1.0 → KILLED
 23. Substituted 0.0 with 1.0 → SURVIVED
 24. Substituted -1.0 with 0.0 → KILLED
 25. Substituted 0.0 with -1.0 → KILLED
 26. Substituted -1.0 with -2.0 → KILLED
 27. greater or equal to less than → KILLED
 28. greater or equal to less or equal → KILLED
 29. greater or equal to greater than → SURVIVED
 30. greater or equal to equal → SURVIVED
 31. greater or equal to not equal → KILLED
- 147 1. removed call to java/util/List::get → KILLED
 2. removed call to net/originmobi/pdv/model/Parcela::getCodigo → KILLED
 3. Negated integer local variable number 12 → KILLED
 4. Incremented (a++) integer local variable number 12 → KILLED
 5. Decrementd (a--) integer local variable number 12 → KILLED

6. Incremented (++a) integer local variable number 12 → KILLED
7. Decrementd (--a) integer local variable number 12 → KILLED
1. Substituted 0.0 with 1.0 → KILLED
2. Substituted 0.0 with 1.0 → KILLED
3. removed call to java/lang/Double::valueOf → KILLED
4. removed call to java/lang/Double::valueOf → KILLED
5. removed call to net/originmobi/pdv/service/ParcelaService::receber → KILLED
151 6. Substituted 0.0 with 1.0 → KILLED
7. Substituted 0.0 with 1.0 → KILLED
8. Substituted 0.0 with -1.0 → KILLED
9. Substituted 0.0 with -1.0 → KILLED
10. Substituted 0.0 with 1.0 → KILLED
11. Substituted 0.0 with 1.0 → KILLED
12. Substituted 0.0 with -1.0 → KILLED
13. Substituted 0.0 with -1.0 → KILLED
153 1. removed call to java/lang/Exception::getMessage → NO_COVERAGE
154 1. removed call to java/lang/RuntimeIOException::<init> → NO_COVERAGE
160 1. removed call to net/originmobi/pdv/singleton/Aplicacao::<init> → KILLED
161 1. removed call to net/originmobi/pdv/singleton/Aplicacao::getUsuarioAtual → SURVIVED
2. removed call to net/originmobi/pdv/service/UsuarioService::buscaUsuario → SURVIVED
1. removed call to java/util/Optional::map → KILLED
164 2. removed call to java/util/Optional::get → KILLED
3. removed call to net/originmobi/pdv/model/TituloTipo::getSigla → KILLED
4. replaced call to java/util/Optional::map with receiver → KILLED
1. negated conditional → KILLED
2. negated conditional → KILLED
3. removed call to net/originmobi/pdv/enumerado/TituloTipoEnum::toString → KILLED
4. removed call to java/lang/String::equals → KILLED
5. removed call to net/originmobi/pdv/enumerado/TituloTipoEnum::toString → SURVIVED
6. removed call to java/lang/String::equals → SURVIVED
7. removed conditional - replaced equality check with false → KILLED
8. removed conditional - replaced equality check with false → SURVIVED
9. removed conditional - replaced equality check with true → KILLED
167 10. removed conditional - replaced equality check with true → KILLED
11. not equal to less than → KILLED
12. equal to less than → KILLED
13. not equal to less or equal → KILLED
14. equal to less or equal → SURVIVED
15. not equal to greater than → SURVIVED
16. equal to greater than → KILLED
17. not equal to greater or equal → KILLED
18. equal to greater or equal → SURVIVED
19. not equal to equal → KILLED
20. equal to not equal → KILLED
168 1. removed call to net/originmobi/pdv/service/cartao/CartaoLancamentoService::lancamento → KILLED
171 1. removed call to net/originmobi/pdv/service/CaixaService::caixaAberto → KILLED
1. removed call to java/lang/StringBuilder::<init> → KILLED
2. removed call to net/originmobi/pdv/model/CaixaLancamento::<init> → KILLED
172 3. removed call to java/lang/StringBuilder::append → KILLED
4. removed call to java/lang/StringBuilder::toString → SURVIVED
5. replaced call to java/lang/StringBuilder::append with receiver → SURVIVED
173 1. removed call to java/util/Optional::get → SURVIVED
176 1. removed call to java/util/Optional::get → SURVIVED
2. removed call to net/originmobi/pdv/model/CaixaLancamento::setRecebimento → SURVIVED
180 1. removed call to net/originmobi/pdv/service/CaixaLancamentoService::lancamento → KILLED
182 1. removed call to java/lang/Exception::getMessage → NO_COVERAGE
183 1. removed call to java/lang/RuntimeIOException::<init> → NO_COVERAGE
188 1. removed call to net/originmobi/pdv/utilitarios/DataAtual::<init> → KILLED
190 1. removed call to java/util/Optional::get → KILLED
2. removed call to net/originmobi/pdv/model/Recebimento::setValor_recebido → KILLED
191 1. removed call to java/util/Optional::get → KILLED
2. removed call to net/originmobi/pdv/model/Recebimento::setValor_acrescimo → KILLED
192 1. removed call to java/util/Optional::get → KILLED
2. removed call to net/originmobi/pdv/model/Recebimento::setValor_desconto → KILLED
193 1. removed call to java/util/Optional::get → KILLED
2. removed call to net/originmobi/pdv/utilitarios/DataAtual::dataAtualTimeStamp → KILLED
3. removed call to net/originmobi/pdv/model/Recebimento::setData_processamento → KILLED
195 1. replaced call to net/originmobi/pdv/repository/RecebimentoRepository::save with argument → KILLED
2. removed call to java/util/Optional::get → KILLED
3. removed call to net/originmobi/pdv/repository/RecebimentoRepository::save → KILLED
197 1. removed call to java/lang/Exception::getMessage → NO_COVERAGE
198 1. removed call to java/lang/RuntimeIOException::<init> → NO_COVERAGE
201 1. replaced return value with "" for net/originmobi/pdv/service/RecebimentoService::receber → KILLED
2. mutated return of Object value for net/originmobi/pdv/service/RecebimentoService::receber to (if (x != null) n
RuntimeIOException) → KILLED
205 1. removed call to net/originmobi/pdv/repository/RecebimentoRepository::findById → KILLED
1. negated conditional → KILLED
2. removed call to java/util/Optional::map → KILLED
3. removed call to java/util/Optional::isPresent → KILLED
4. removed conditional - replaced equality check with false → KILLED
5. removed conditional - replaced equality check with true → KILLED
207 6. replaced call to java/util/Optional::map with receiver → KILLED
7. equal to less than → KILLED
8. equal to less or equal → SURVIVED
9. equal to greater than → KILLED
10. equal to greater or equal → KILLED
11. equal to not equal → KILLED
208 1. removed call to java/lang/RuntimeIOException::<init> → KILLED
211 1. removed call to net/originmobi/pdv/repository/RecebimentoRepository::deleteById → KILLED
213 1. removed call to java/lang/Exception::getMessage → SURVIVED
2. removed call to java/io/PrintStream::println → SURVIVED
214 1. removed call to java/lang/RuntimeIOException::<init> → KILLED
217 1. replaced return value with "" for net/originmobi/pdv/service/RecebimentoService::remover → KILLED

2. mutated return of Object value for net/originmobi/pdv/service/RecebimentoService::remover to (if (x != null) n
RuntimeException) → KILLED

Active mutators

- ABS_MUTATOR
- AOD_1_MUTATOR
- AOD_2_MUTATOR
- AOR_1_MUTATOR
- AOR_2_MUTATOR
- AOR_3_MUTATOR
- AOR_4_MUTATOR
- ARGUMENT_PROPAGATION_MUTATOR
- BOOLEAN_FALSE_RETURN
- BOOLEAN_TRUE_RETURN
- CONDITIONALS_BOUNDARY_MUTATOR
- CONSTRUCTOR_CALL_MUTATOR
- CRCR_1_MUTATOR
- CRCR_2_MUTATOR
- CRCR_3_MUTATOR
- CRCR_4_MUTATOR
- CRCR_5_MUTATOR
- CRCR_6_MUTATOR
- EMPTY_RETURN_VALUES
- EXPERIMENTAL_BIGINTEGER_MUTATOR
- EXPERIMENTAL_MEMBER_VARIABLE_MUTATOR
- EXPERIMENTAL_REMOVE_SWITCH_MUTATOR_[0-99]
- EXPERIMENTAL_SWITCH_MUTATOR
- INCREMENTS_MUTATOR
- INLINE_CONSTANT_MUTATOR
- INVERT_NEGS_MUTATOR
- MATH_MUTATOR
- NAKED_RECEIVER
- NEGATE_CONDITIONALS_MUTATOR
- NON_VOID_METHOD_CALL_MUTATOR
- NULL_RETURN_VALUES
- OBBN_1_MUTATOR
- OBBN_2_MUTATOR
- OBBN_3_MUTATOR
- PRIMITIVE_RETURN_VALS_MUTATOR
- REMOVE_CONDITIONALS_EQUAL_ELSE_MUTATOR
- REMOVE_CONDITIONALS_EQUAL_IF_MUTATOR
- REMOVE_CONDITIONALS_ORDER_ELSE_MUTATOR
- REMOVE_CONDITIONALS_ORDER_IF_MUTATOR
- REMOVE_INCREMENTS_MUTATOR
- RETURN_VALS_MUTATOR
- ROR_1_MUTATOR
- ROR_2_MUTATOR
- ROR_3_MUTATOR
- ROR_4_MUTATOR
- ROR_5_MUTATOR
- UOI_1_MUTATOR
- UOI_2_MUTATOR
- UOI_3_MUTATOR
- UOI_4_MUTATOR
- VOID_METHOD_CALL_MUTATOR

Tests examined

- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_ValorSuperior(net.originmobi.pdv.service.RecebimentoServiceTest) (2 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testAbrirRecebimento_Sucesso(net.originmobi.pdv.service.RecebimentoServiceTest) (4 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_Sucesso(net.originmobi.pdv.service.RecebimentoServiceTest) (6 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testAbrirRecebimento_ParcelsDeOutroCliente(net.originmobi.pdv.service.RecebimentoServiceTest) (9 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_SucessoPassandoIfTipo5parcelas(net.originmobi.pdv.service.RecebimentoServiceTest) (5 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_ValorRecebimentoInvalido(net.originmobi.pdv.service.RecebimentoServiceTest) (2 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_SucessoPassandoIfTipoUmaParceladeDuas (net.originmobi.pdv.service.RecebimentoServiceTest) (3 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_VlsobraPositiva(net.originmobi.pdv.service.RecebimentoServiceTest) (3 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_SucessoPassandoIfTipo(net.originmobi.pdv.service.RecebimentoServiceTest) (4 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testRemover_ErroAoRemover(net.originmobi.pdv.service.RecebimentoServiceTest) (3 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_SemParcelas(net.originmobi.pdv.service.RecebimentoServiceTest) (66 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testAbrirRecebimento_ParcelsQuitada(net.originmobi.pdv.service.RecebimentoServiceTest) (2 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testAbrirRecebimento_ClienteNaoEncontrado(net.originmobi.pdv.service.RecebimentoServiceTest) (690 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_RecebimentoFechado(net.originmobi.pdv.service.RecebimentoServiceTest) (5 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testRemover_RecebimentoProcessado(net.originmobi.pdv.service.RecebimentoServiceTest) (3 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testRemover_Sucesso(net.originmobi.pdv.service.RecebimentoServiceTest) (2 ms)
- net.originmobi.pdv.service.RecebimentoServiceTest.testReceber_TituloInvalido(net.originmobi.pdv.service.RecebimentoServiceTest) (2 ms)

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