(a) Retrival Ensemble

Query Image I_q

10:04 ⏻
〈 缴费详情

⚡ 国网赤峰供电公司
-300.00
已到账

支付成功　机构处理　缴费到账
2024-08-13　　　　　2024-08-13
10:02:37　　　　　　10:03:07

户号信息　　　　　8123531476000 | 张*伟
住址信息　　　　　内蒙古朝阳区建国路88号

缴费记录　　　缴费凭证

常见问题
生活缴费多久到账
如何查询用电量
如何查询费用账单
缴费可以取消或退款吗
水电煤交重复了怎么办

换一换
帮助中心

→ Retrival →

Recalled images

10:04 ⏻
〈 缴费详情
⚡ 国网梅州供电公司
-800.00
已到账
支付成功　机构处理　缴费到账
2024-08-13　　　2024-08-13
10:02:37　　　　10:03:07
户号信息　　8123531476000 | 王方*
住址信息　　广东省梅州市世纪大道100号
缴费记录　　缴费凭证
常见问题
生活缴费多久到账
如何查询用电量
如何查询费用账单
缴费可以取消或退款吗
水电煤交重复了怎么办
换一换

10:04 ⏻
〈 缴费详情
⚡ 国网梁山供电公司
-450.00
已到账
支付成功　机构处理　缴费到账
2024-08-13　　　2024-08-13
10:02:37　　　　10:03:07
户号信息　　8123531476000 | 李*
住址信息　　山东省济宁市南山区科技园南T3栋
缴费记录　　缴费凭证
常见问题
生活缴费多久到账
如何查询用电量
如何查询费用账单
缴费可以取消或退款吗
水电煤交重复了怎么办
换一换

15:32
〈 缴费详情
⚡ 国网四川省电力公司（绵阳）
-100.00
已到账
支付成功　机构处理　缴费到账
2024-10-04　　　2024-10-04
08:45:45　　　　08:45:47
户号信息　　4829374651023 | WenBo
住址信息　　四川省绵阳市涪城区跃进路6号科技花
苑A座123楼4号
缴费记录　缴费凭证　自动缴费　电子账单
常见问题
电费多少钱一度
电费多久交一次
如何查询用电量
如何查询费用账单
怎么开通自动缴费
如何查看户号是否支持开通自动缴费

{i} Structed Texts

Type: Payment Details
Text_KVs: {
  1: {公司名称: 国网赤峰供电公司,
  金额: -300.00,
  状态: 已到账,
  支付成功时间: 2024-08-13 10:02:37,
  缴费到账时间: 2024-08-13 10:03:07,
  户号: 8123531476000,
  户名: 张*伟,
  地址: 内蒙古朝阳区建国路……},

  2: {公司名称: 国网梅州供电公司,
  金额: -800.00,
  状态: 已到账,
  支付成功时间: 2024-08-13 10:02:37,
  缴费到账时间: 2024-08-13 10:03:07,
  户号: 8123531476000,
  户名: 王方*,
  地址: 广东省梅州市……},

  3: {公司名称: 国网梁山供电公司,
  金额: -450.00,
  状态: 已到账,
  支付成功时间: 2024-08-13 10:02:37,
  缴费到账时间: 2024-08-13 10:03:07,
  户号: 8123531476000,
  户名: 李*,
  地址: 山东省济宁市……},

  4: {公司名称: 国网四川省电力公司（绵阳）,
  金额: -100.00,
  状态: 已到账,
  支付成功时间: 2024-10-04 08:45:45,
  缴费到账时间: 2024-10-04 08:45:47,
  户号: 4829374651023,
  户名: WenBo,
  地址: 四川省绵阳市……},

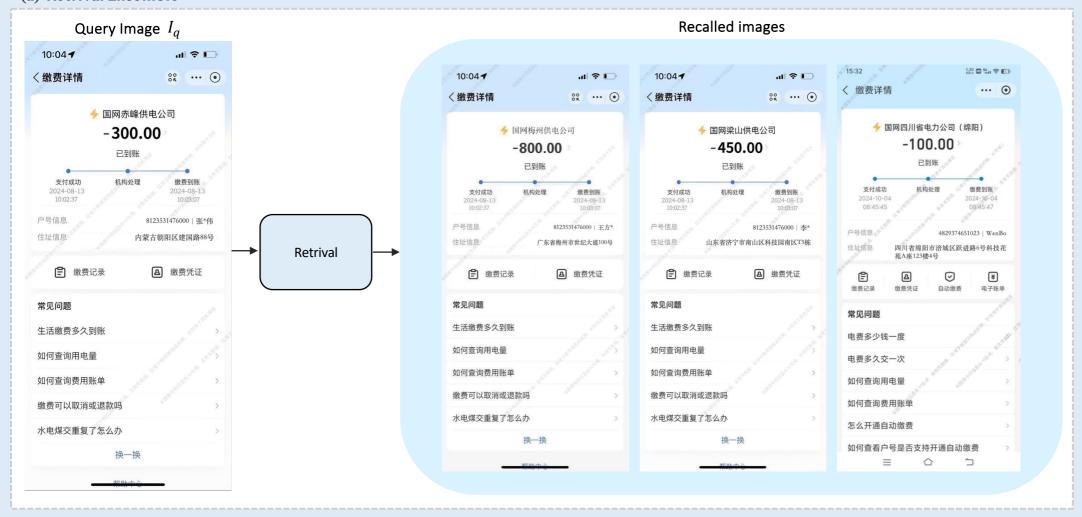## (b) Sample-Specific Rule Generation

Rule Generated:

1. Records sharing the same account number must have identical addresses.
2. The account holder name must be consistent across records with the same account number.
3. The transaction amount must be identical for records with the same account number.
4. Records associated with the same account number must maintain uniform status.
5. Payment success times must be identical for all records linked to the same account number.
6. While company names may vary, payment success times and processing times must be perfectly aligned for records with the same account number.
7. Processing times must remain consistent among records associated with the same account number.
8. The company name must be uniform across all records sharing the same account number.

```
records:
  - record_id: 1
    payment_account_number: 37592846
    address_information: No. 456, Meili Road, Huaiyin District, Jinan, Shandong

  - record_id: 2
    payment_account_number: 37592846
    address_information: No. 456, Meili Road, Huaiyin District, Jinan, Shandong

  - record_id: 3
    payment_account_number: 672703124
    address_information: No. 88, Quancheng Road, Lixia District, Jinan, Shandong

  - record_id: 4
    payment_account_number: 672703124
    address_information: No. 88, Quancheng Road, Lixia District, Jinan, Shandong
```

Step 3: Analyze whether the extracted structured text matches the content described in the rule:
Analysis:
- Record ID 1 and Record ID 2 have the same payment account number <37592846> and the same address <No.456, Meili Road, Huaiyin District, Jinan, Shandong>.
- Record ID 3 and Record ID 4 have the same payment account number <672703124> and the same address <No.88, Quancheng Road, Lixia District, Jinan, Shandong>.

After analysis, all records with the same payment account number also have the same address information. The field relationships in the structured text match the rule as described. Therefore, the rule is valid and should be retained.

Step 4: Based on the analysis, the output is as follows:
Conclusion Summary: Retain

(c) Fact-Driven Rule Verification

Verifying Rule: 1. Records sharing the same account number must have identical addresses.
Cur_type: Payment Details

Verification Process:

Step 1: Decompose the rule and extract the fields mentioned in the rule:
Account Number, Address

Step 2: Focus on the structured text extracted from the **Fact Repository** and extract the fields mentioned in **Step 1**: