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| Requested By: ALDI | | | | Date:2020.12.08 | | | | | |
| Submitted By: | | | | Date: 2020.12.10 | | | | | |
| Priority (*double the box)* | | Critical | | Important | | | Desirable | | |
| Description Of Proposed Changes | | | | | | | | | |
| **Document Control:**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Seq No.** | **Ver** | **Date** | **Changes** | **Author** | | 1 | V0.1 | 2020.12.09 | 1st Draft document. |  |  1. **Business requirement**      * POS 、Android ACO记录支付超时信息上传至BS * BS新加支付超时汇总报表  1. **Function specification**    1. POS变更点：   在POS后台系统创建定时任务，定时获取门店交易数据，判断是否交易超时，汇总交易超时交易数据   * 1. ACO变更点：   在ACO后台系统创建定时任务，定时获取ACO交易数据，验证交易是否超时，汇总交易超时交易数据，通过接口进行数据上传  接口字段   |  |  |  |  | | --- | --- | --- | --- | | **字段** | **字段描述** | **字段类型** | **字段长度** | | lRetailStoreID | 门店号 | int | 8 | | lWorkstationNmbr | 机器号 | int | 8 | | lTaCreatedOperatorID | 收银员号 | nvarchar | 20 | | szDate | 日期 | nvarchar | 8 | | szTime | 时间 | nvarchar | 8 | | szBusinessDate | 业务日期 | nvarchar | 30 | | lTaNmbr | TA号 | int | 8 | | szPaymentStartTime | 支付开始时间 | nvarchar | 255 | | szPaymentEndTime | 支付结束时间 | nvarchar | 255 | | szOrderID | 支付平台订单号 | nvarchar | 8 | | szOrderNo | 订单号 | nvarchar | 30 | | szPayCode | 嘉利支付编码 | nvarchar | 8 | | szTransactionID | 支付平台交易号 | nvarchar | 255 | | dPayMoney | 支付金额 | int | 8 | | dTaPaid | 交易金额 | int | 8 | | szPayMethod | 支付方式 | nvarchar | 30 | | szPayStatus | 支付状态 | int | 8 |  * 1. 数据库变更点：   数据库添加PaymentTimeOut表   * 1. BS变更点：   1>在TA文件中增加支付超时节点  节点增加字段IsPaymentTimeOut标识是否为支付超时  2>TA文件上传至BS server，解析节点到bs数据库  BS新增表PaymentTimeOut 储存节点信息。  3>BS增加新的节点支付超时  4>双击节点进入新添加筛选界面   1. 显示十七个字段（门店号、机器号、收银员号、日期、时间、业务日期、TA号、支付开始时间、支付结束·时间、支付平台订单号、订单号、嘉利支付编码、支付平台交易号、支付金额、交易金额、支付方式、支付状态）    1. TPCS变更点   交易结束时通过交易超时接口传交易超时信息给SPIN   * 1. SPIN变更点 | | | | | | | | | |
| Beenefit/Reason For Changes | | | | | | | | | |
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| FOLLOWING AREAS ARE FOR AISINO-WINCOR USE | | | | | | | | | |
| Approval For Investigation | | | | | | | | | |
| Project Manager: | | | | | | | | Date: | |
| Approved:  Yes  No | | | | | | | | | |
| Investigation Results | | | | | | | | | |
| Investigated By: | | | | | | | | Date: | |
|  | | | | | | | | | |
| Estimated Efforts  (Mandays**)** | Project Management | | Analysis | | Development | QA / SIT | | | UAT/Pilot |
|  | |  | |  |  | | |  |
| Chargeable:  Yes  No | | | | | Total Man-days: | | | | |
| Conditions: NIL | | | | | | | | | |
| (comments) | | | | | | | | | |
| FOLLOWING AREAS ARE FOR CUSTOMER USE | | | | | | | | | |
| Approval For Change Request | | | | | | | | | |
| Person In Charge: | | | | | Date: | | | | |
| Signature: | | | | | Company Stamp: | | | | |
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