

# Pay 方案设计（印尼版）

## 一、PRD

产品文档：<https://confluence.shopee.io/display/SK/%5BID%5D+Consumer+Loan>

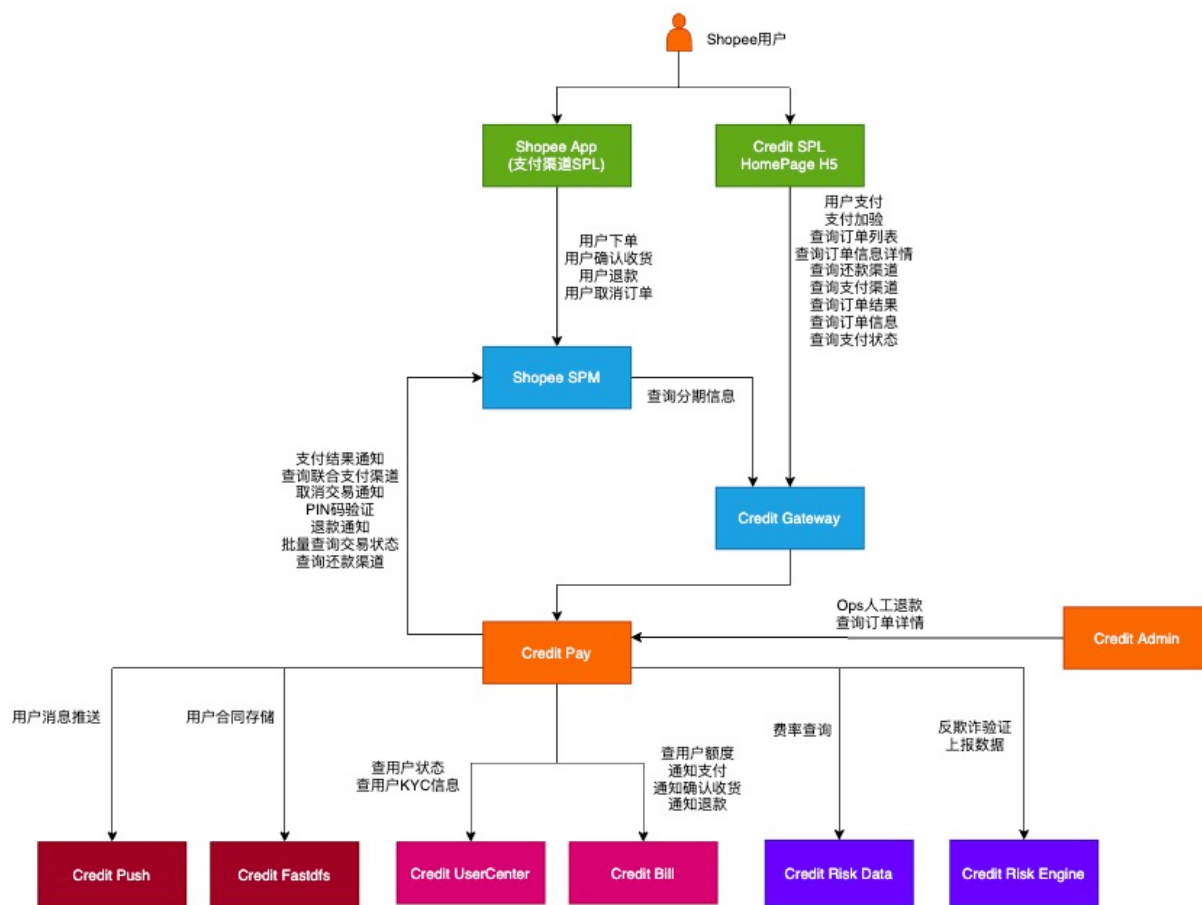
## 二、架构设计

### 1、Credit-SPL-ID架构图



Credit SPL-ID 整体架构

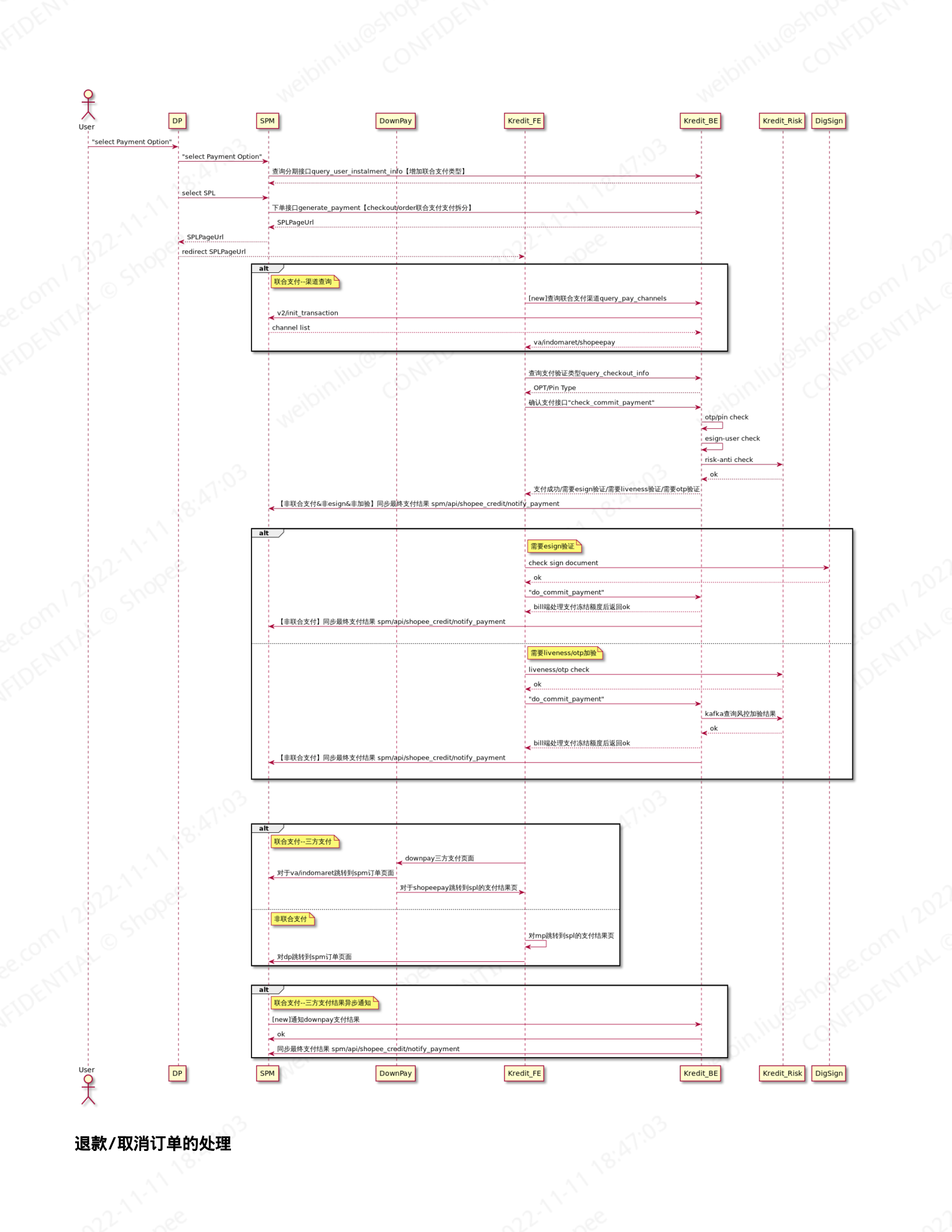
### 2、Credit Pay业务流



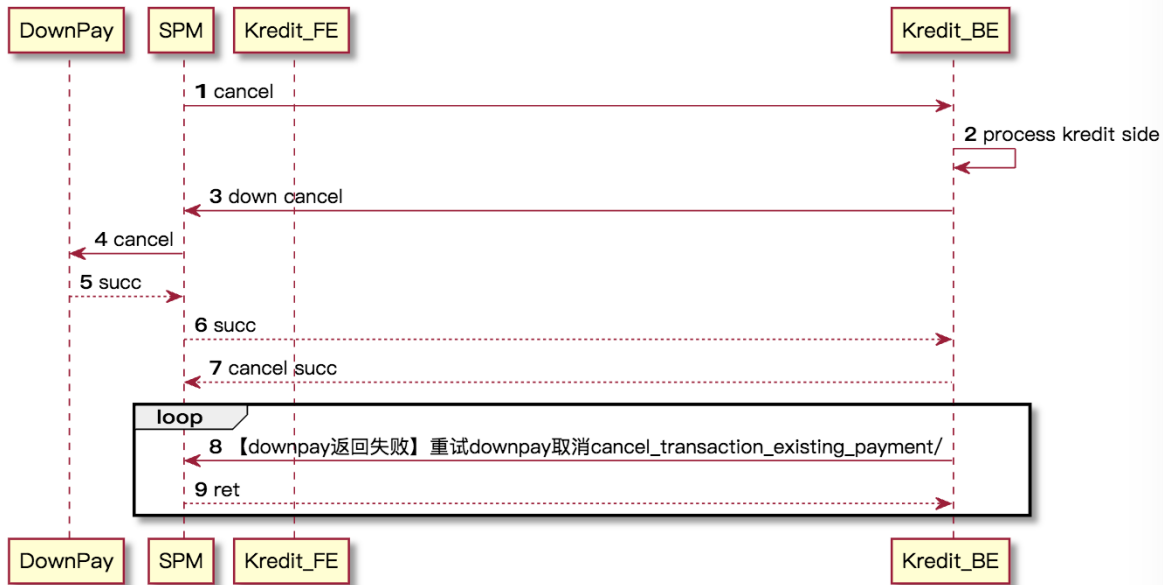
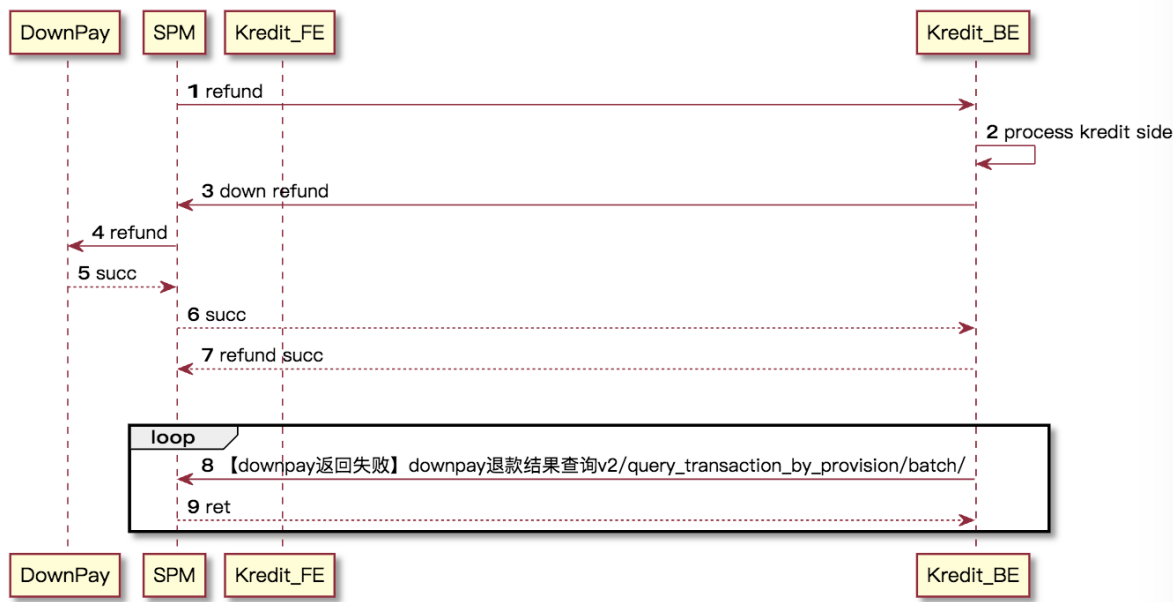
Credit Pay的业务流

### 三、核心流程交互时序

#### 1、用户下单、支付时序图

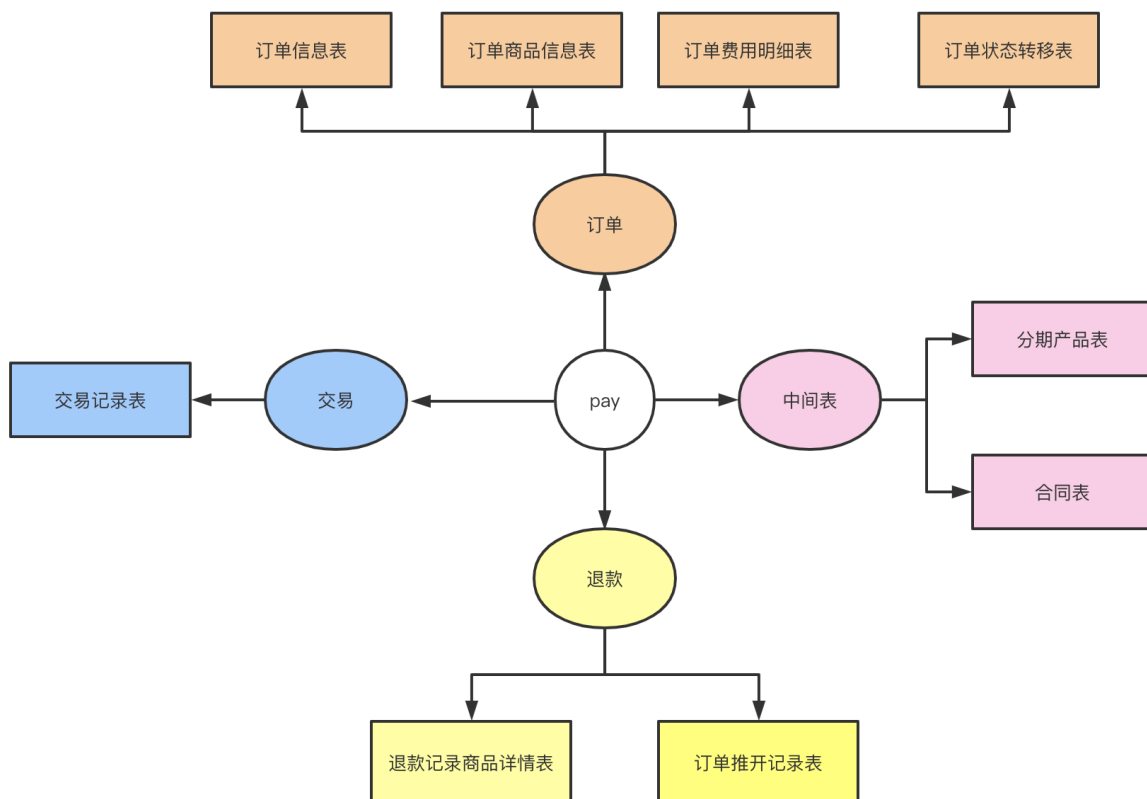


退款/取消订单的处理



#### 四、存储设计

##### 1、MySQL DB设计简图



## 2、MySQL DB设计ER图



## 五、API设计

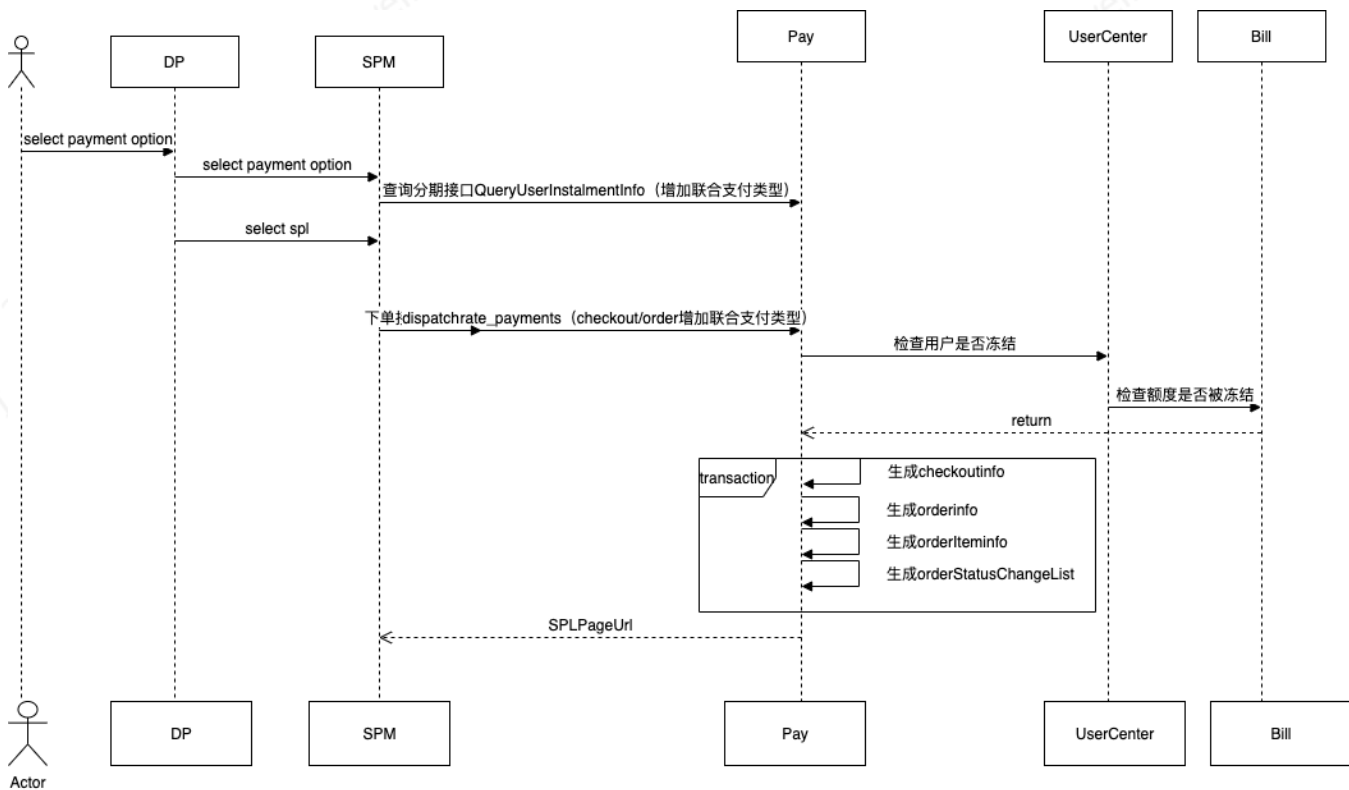
### 1、API全局简图

API	调用方
AdminRefundPayment	Admin
CancelPayments	SPM
CheckCommitPayment	H5
ConfirmPayChannel	H5
ConfirmPayment	SPM
DoCommitPayment	H5
GeneratePayments	SPM
NotifyPaymentStatus	SPM
RefundPayment	SPM

GetOrderDetail	
GetOrderInfo	
QueryBillTxnDetail	H5
QueryBillTxnList	H5
QueryBusinessList	H5
QueryCheckoutInfo	H5
QueryCheckoutResult	H5
QueryPayChannels	H5
QueryPaymentStatus	H5
QueryRepayChannels	H5
QueryUserInstalmentInfo	SPM
QueryEsignUserInfo	H5 demo
CommitAfterEsign	H5 demo
PreEsignCheck	H5 demo
SendEsignCheck	H5 demo
BatchQueryContractByOrderId	
QueryDownPayResult	

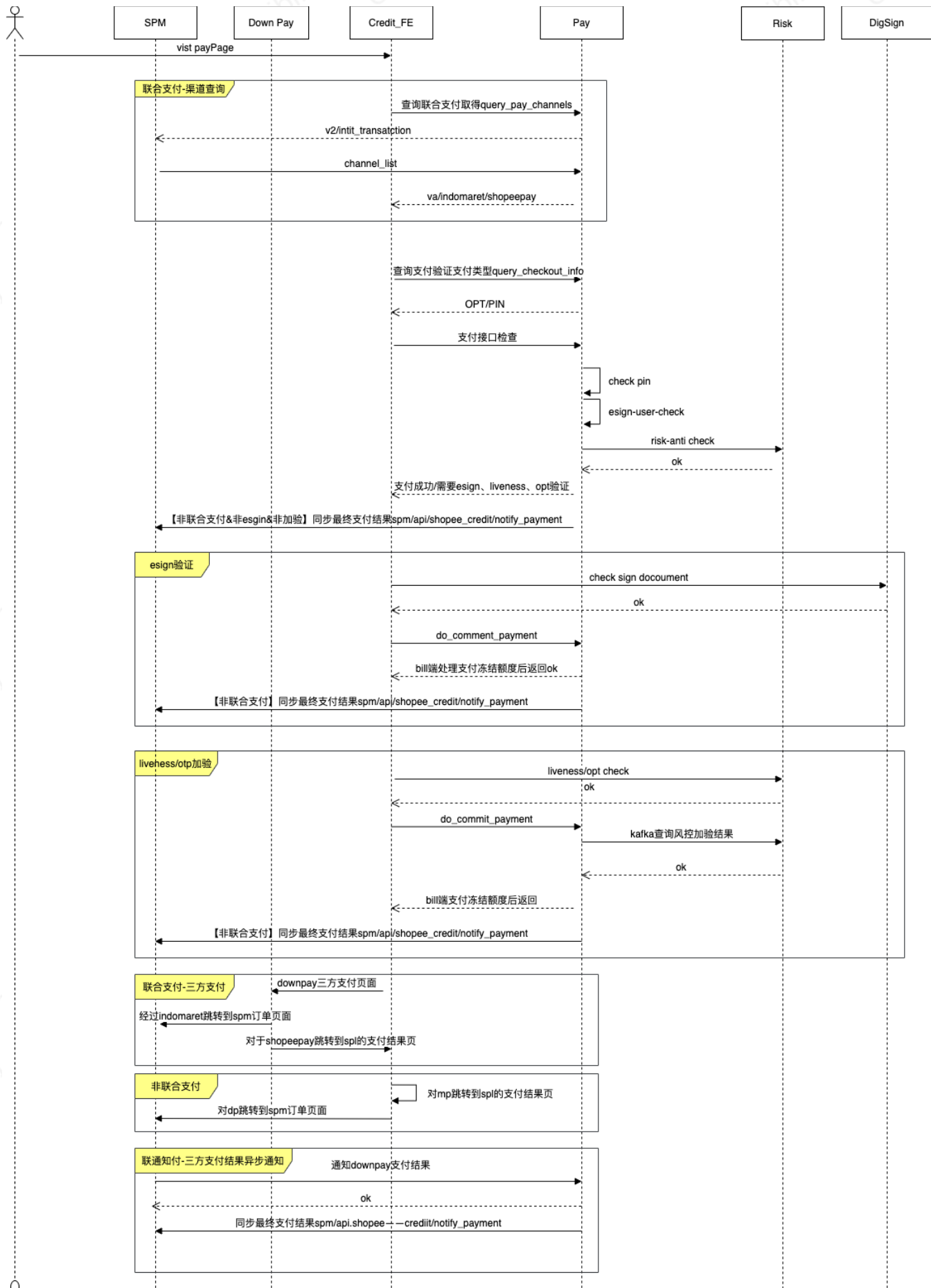
## 2、API详细设计

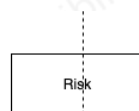
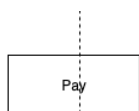
### (1) 下单API: generate\_payments



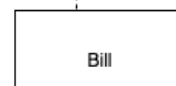
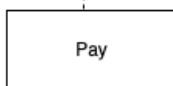
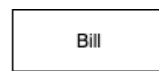
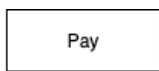
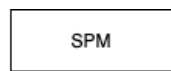
## 2) 支付API: commit\_payments







### (3) 确认收货API: confirm\_payments



Actor

confirm order

confirm\_payments

更新order\_info状态由none改为confirming

billing\_by\_confirm\_pay (确认收货更新还款计划)

succ

transaction

生成 contract

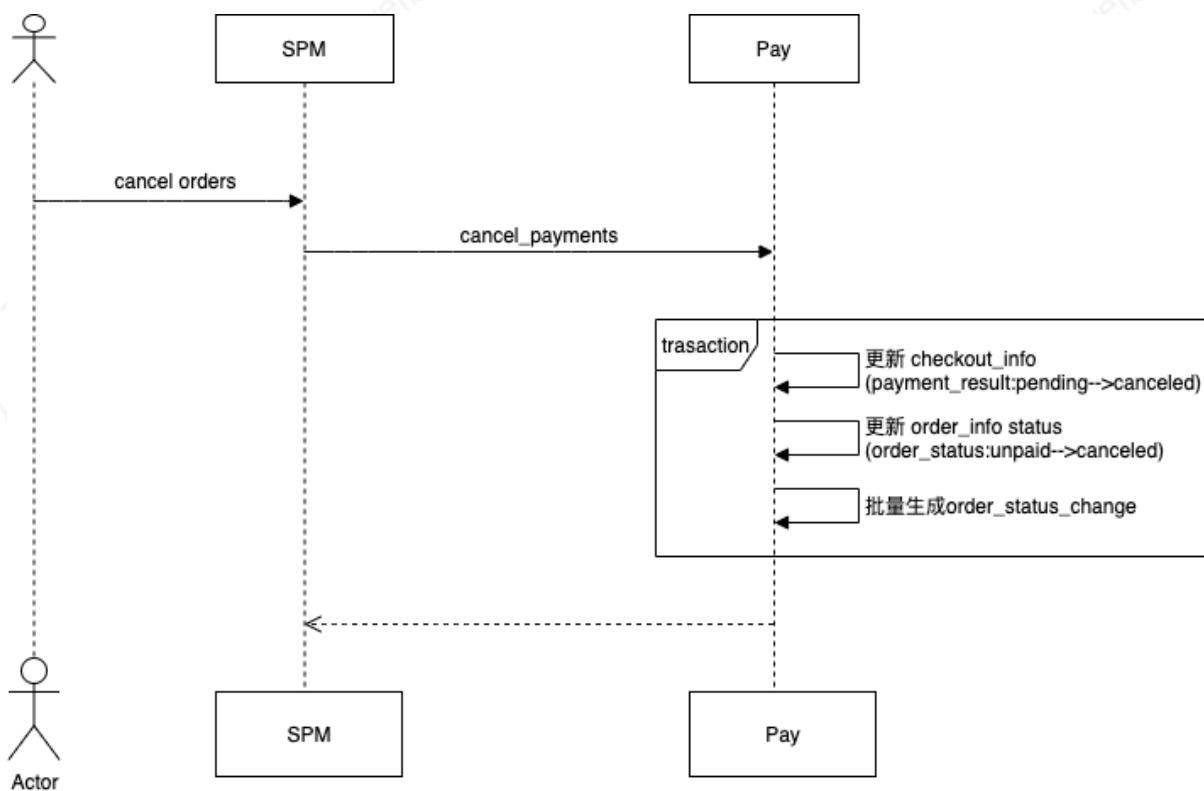
更新order\_info的order\_status为confirmed  
更新processing\_status为none

更新 order\_status\_change

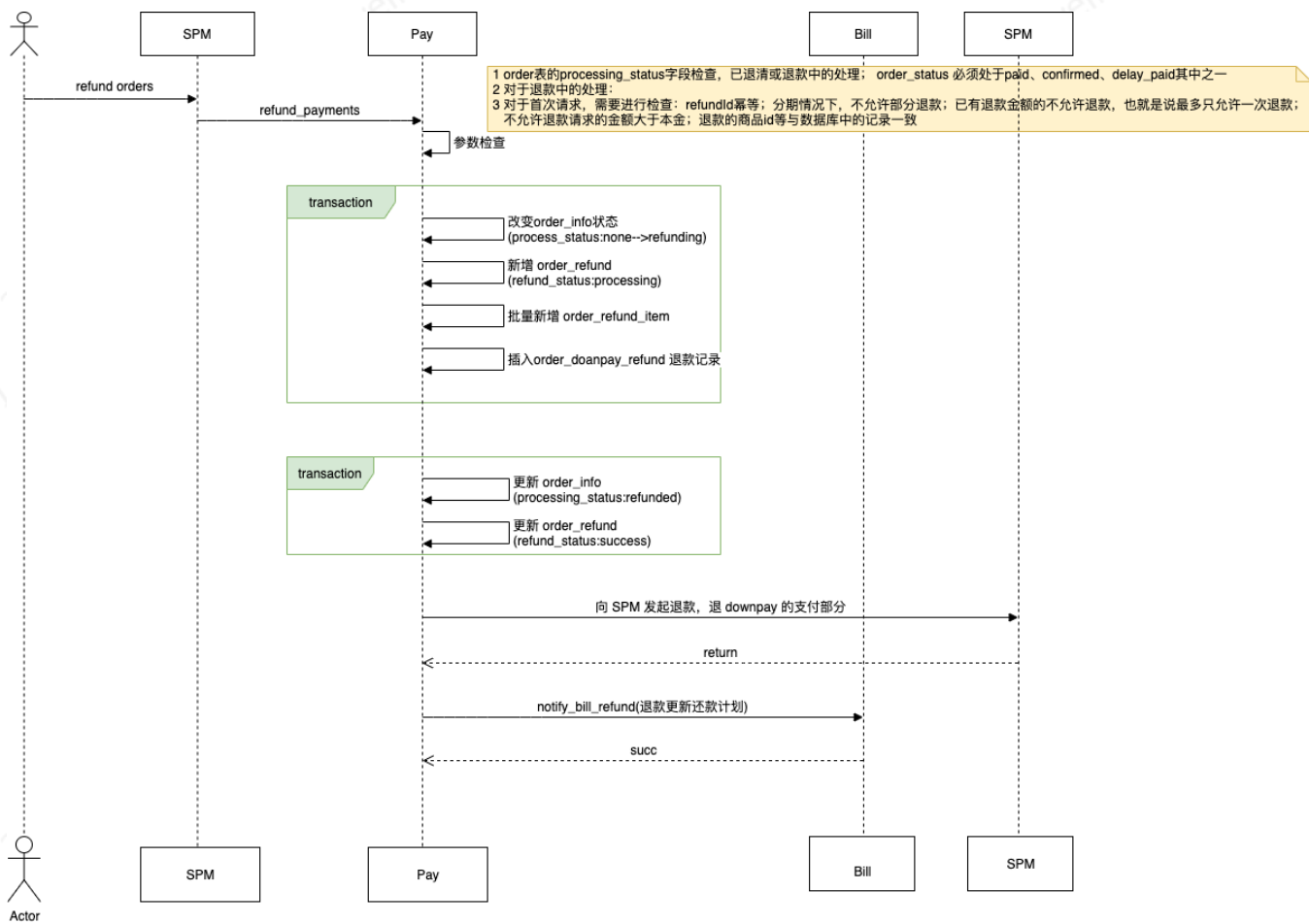
发送生成合同MQ

return

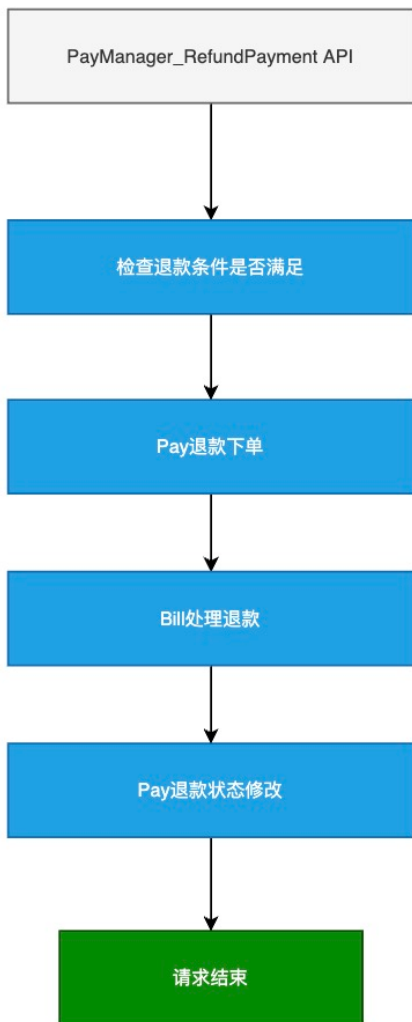
### (4) 取消订单API: cancel\_payments



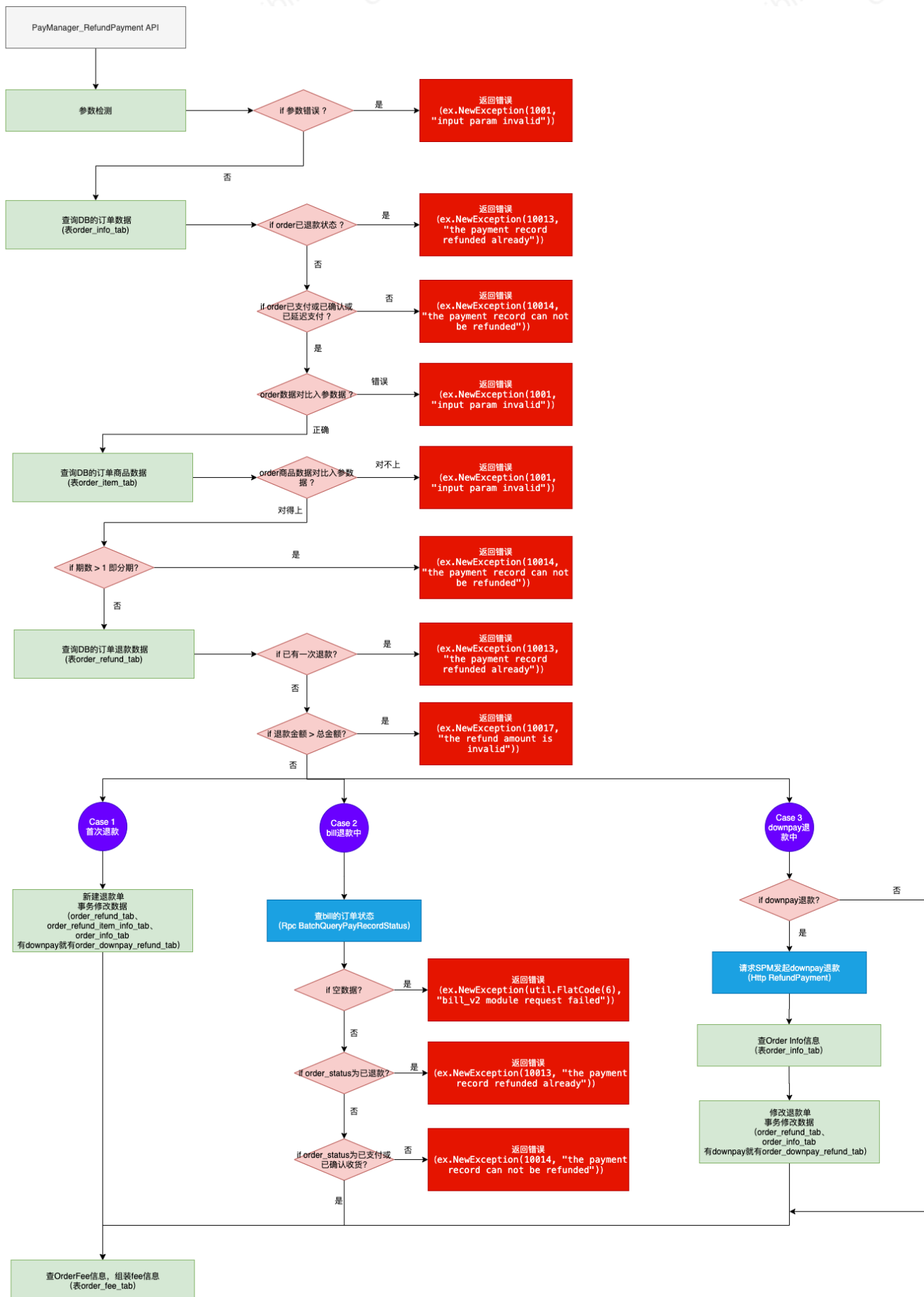
(5) 退款API: refund\_payments

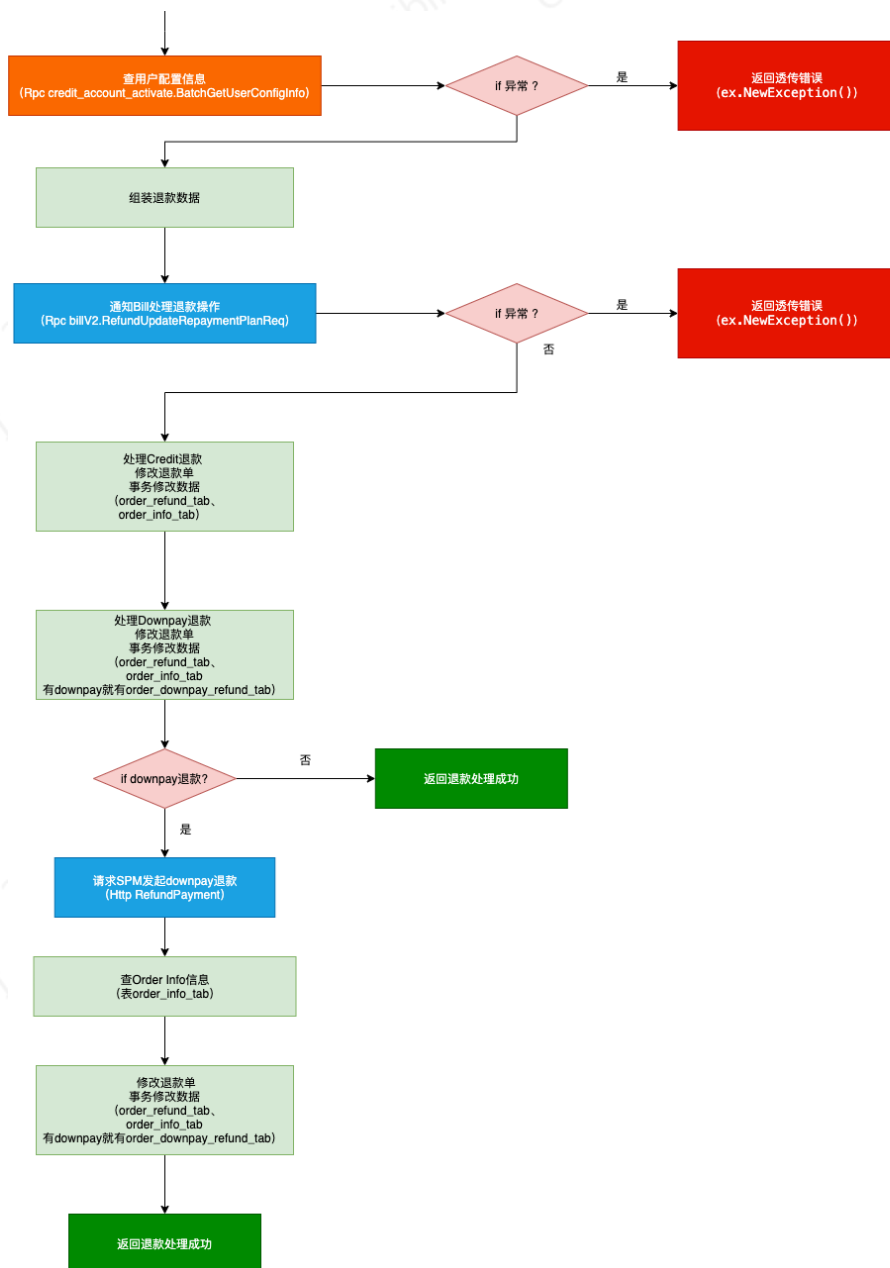


退款API流程图简图:



退款API详细流程图：





Admin退款API详细流程图:

