Task1

Communication with Web Service Support

```
title 与网络服务支持的沟通 Communication with Web Service Support

loop 直到获得满意的答案 Until a Satisfactory Answer is Obtained
    用户User -> 网络服务系统WebServer: 发送请求 Submit Request
    网络服务系统WebServer -> 知识库系统knowledgeSys: 查询解决方案 Query Solution
    alt 请求可以解决 Solution Found
        知识库系统knowledgeSys -> 网络服务系统WebServer: 返回答案 Return Answer
        网络服务系统WebServer -> 用户User: 返回答案 Provide Answer
    else 请求不能解决 Solution Not Found
        网络服务系统WebServer -> 支持操作员operator: 转发请求 Forward Request
        支持操作员operator -> 网络服务系统WebServer: 返回处理结果 Return Result
        网络服务系统WebServer -> 用户User: 返回处理结果 Provide Result
    end
end
```
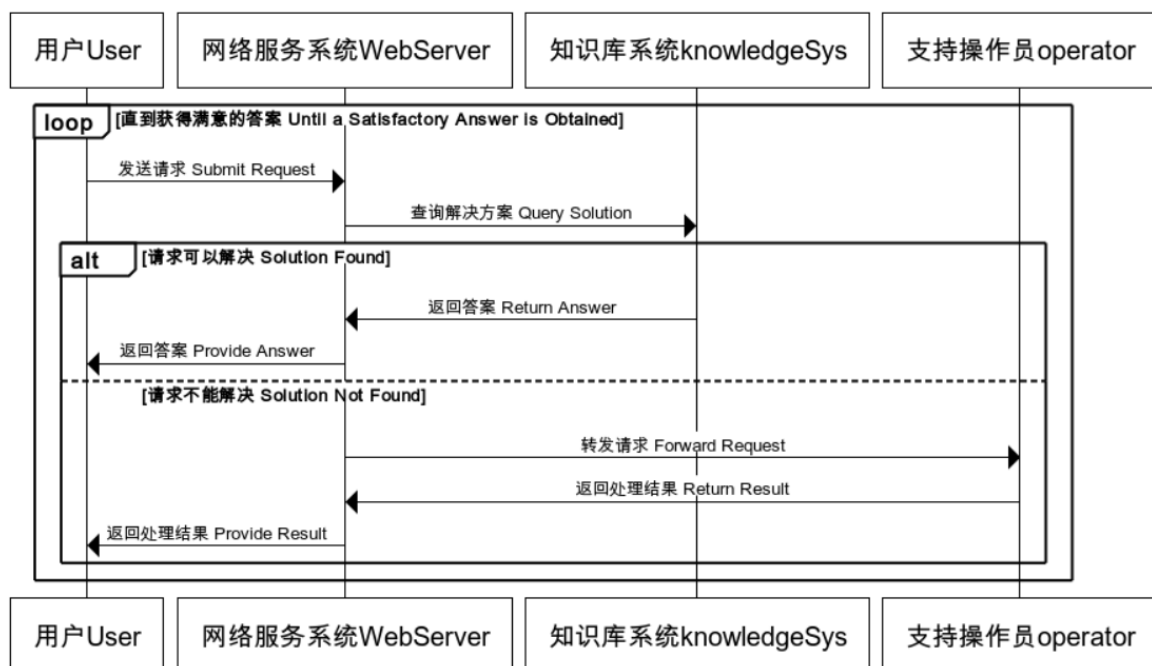

International Remittance Registration

```
title 国际汇款登记 International Remittance Registration

loop 直到请求有效 Until the Request is Valid
    汇款人sender -> 汇款银行sending bank: 提交汇款请求 Submit Remittance Request
    汇款银行sending bank -> 汇款银行sending bank: 检查请求有效性 Check Request
Validity
    alt 请求有效 Request Valid
```
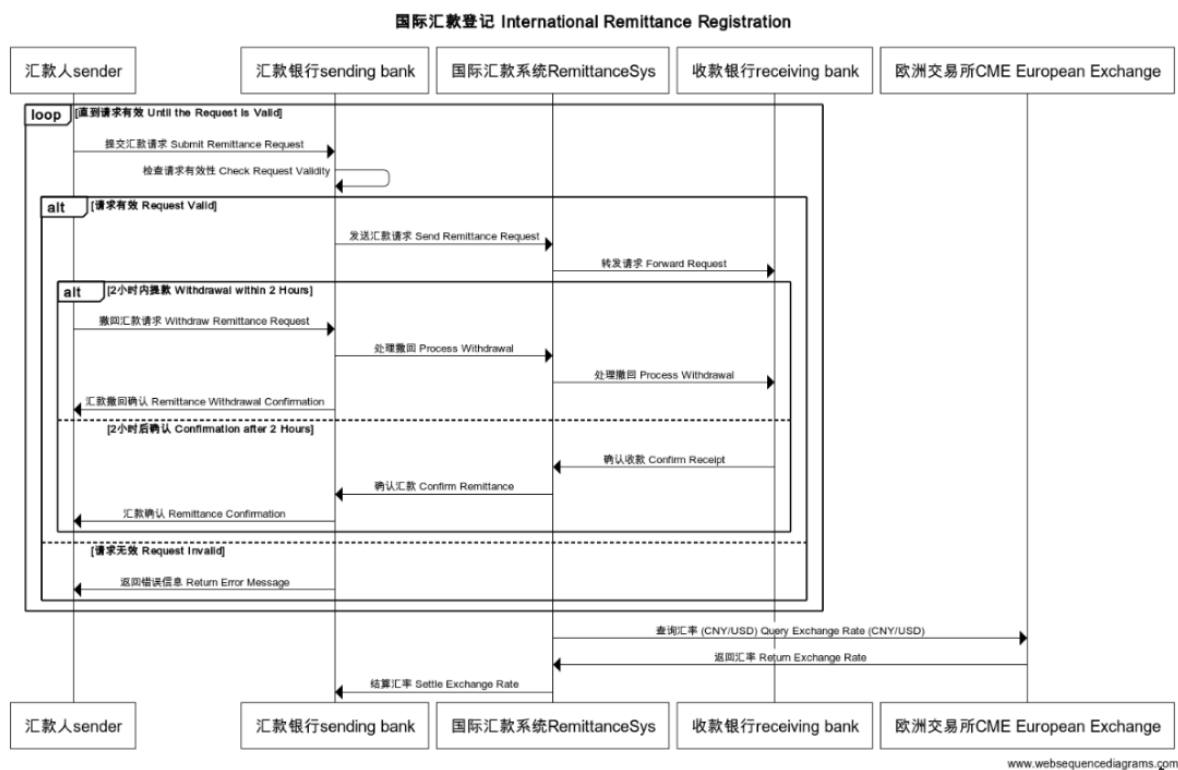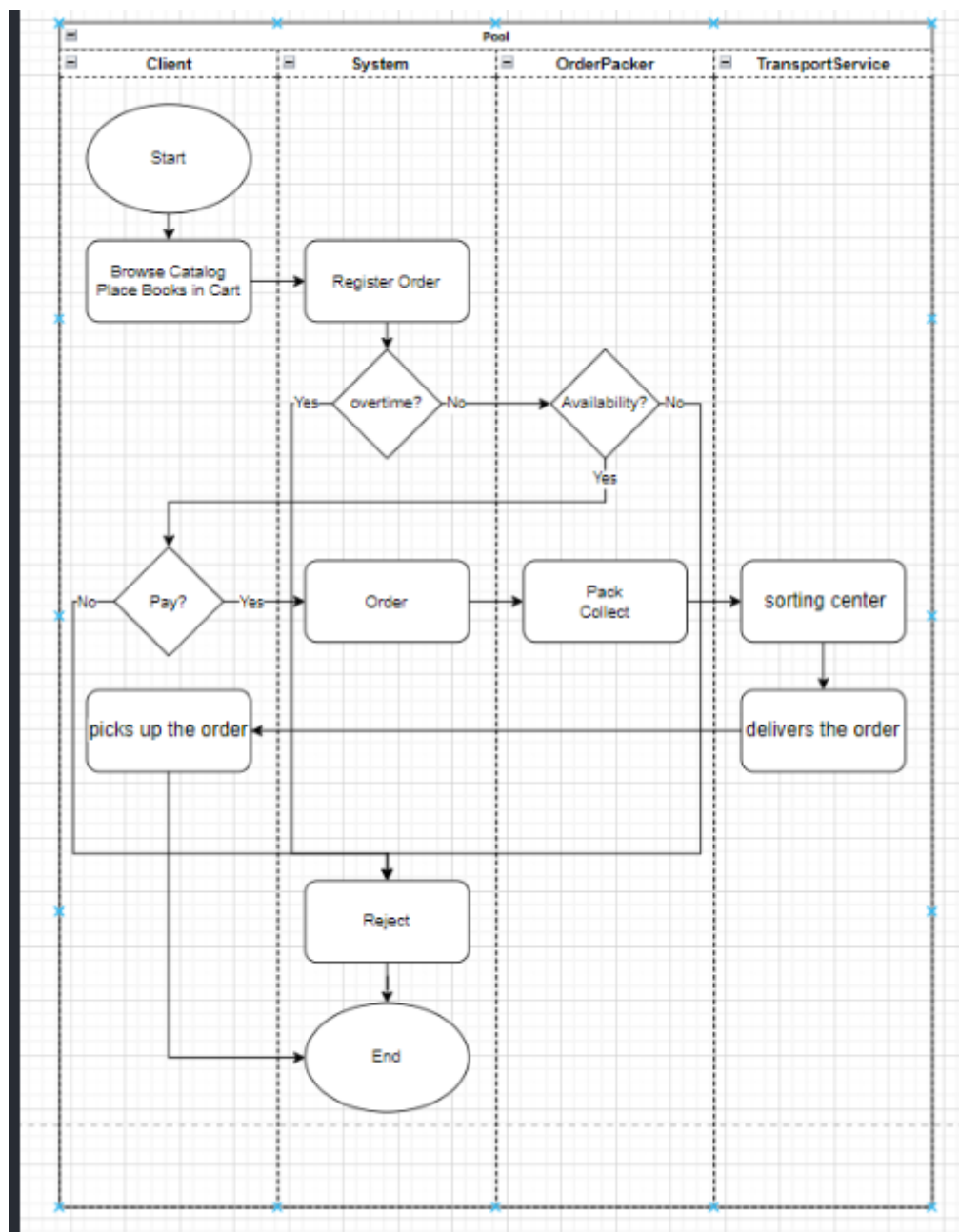
```
            汇款银行sending bank -> 国际汇款系统RemittanceSys: 发送汇款请求 Send
Remittance Request
            国际汇款系统RemittanceSys -> 收款银行receiving bank: 转发请求 Forward Request
            alt 2小时内提款 Withdrawal within 2 Hours
                汇款人sender -> 汇款银行sending bank: 撤回汇款请求 Withdraw Remittance
Request
                汇款银行sending bank -> 国际汇款系统RemittanceSys: 处理撤回 Process
Withdrawal
                国际汇款系统RemittanceSys -> 收款银行receiving bank: 处理撤回 Process
Withdrawal
                汇款银行sending bank -> 汇款人sender: 汇款撤回确认 Remittance Withdrawal
Confirmation
            else 2小时后确认 Confirmation after 2 Hours
                收款银行receiving bank -> 国际汇款系统RemittanceSys: 确认收款 Confirm
Receipt
                国际汇款系统RemittanceSys -> 汇款银行sending bank: 确认汇款 Confirm
Remittance
                汇款银行sending bank -> 汇款人sender: 汇款确认 Remittance Confirmation
            end
        else 请求无效 Request Invalid
            汇款银行sending bank -> 汇款人sender: 返回错误信息 Return Error Message
        end
end

国际汇款系统RemittanceSys -> 欧洲交易所CME European Exchange: 查询汇率（CNY/USD）Query
Exchange Rate（CNY/USD）
欧洲交易所CME European Exchange -> 国际汇款系统RemittanceSys: 返回汇率 Return Exchange
Rate
国际汇款系统RemittanceSys -> 汇款银行sending bank: 结算汇率 Settle Exchange Rate
```
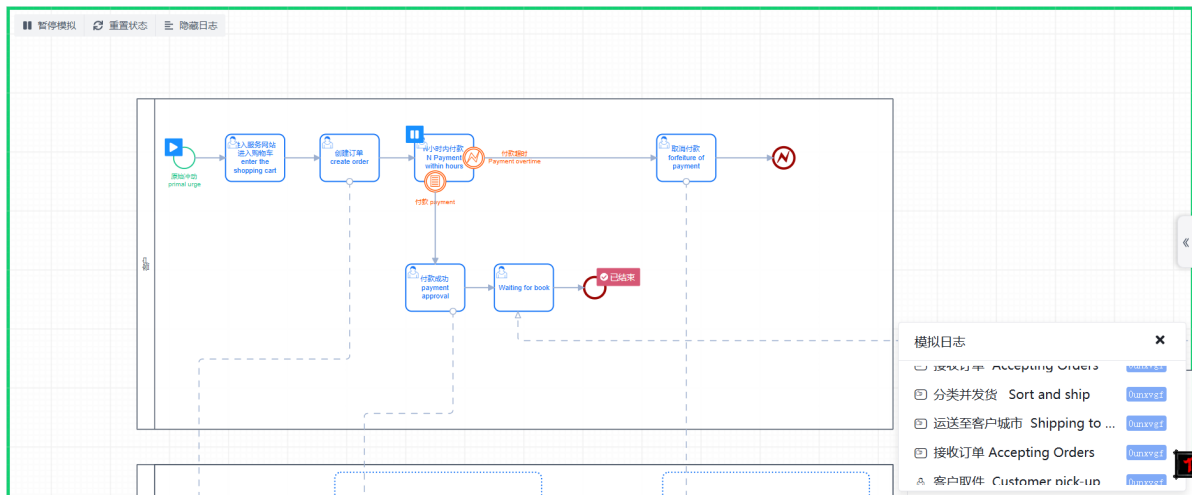

国际汇款登记 International Remittance Registration

Task2

Pool

Client	System	OrderPacker	TransportService

Start

Browse Catalog
Place Books in Cart → Register Order

overtime? — Yes / No → Availability? — No

Availability? → Yes

Pay? — No / Yes → Order → Pack Collect → sorting center

sorting center → delivers the order

picks up the order ← delivers the order

Reject

End

Browse Catalog

Browse Catalog → Place Books in Cart → Register Order → Registered → OR

order overtime → >N → order Reject → Rejected → End

order intime → <=N → OR → Check unavailability → Checked → order Reject → Rejected → End

Check Availability → Checked → OR → Unpay → Unpayed → order Reject → Rejected → End

Pay → payed → Collect Books Pack Order → collected, packed → Deliver to Center → delivered → Client Picks Up Order → picked → End

暂停模拟   重置状态   隐藏日志

原始冲动 primal urge → 主入服务网站 进入购物车 enter the shopping cart → 创建订单 create order → N小时内付款 N Payment within hours → 付款超时 Payment overtime → 取消付款 forfeiture of payment

付款 payment

付款成功 payment approval → Waiting for book → 已结束

模拟日志   ×

接收订单 Accepting Orders   0umxvgt
分类并发货 Sort and ship   0umxvgt
运送至客户城市 Shipping to ...   0umxvgt
接收订单 Accepting Orders   0umxvgt
客户取件 Customer pick-up   0umxvgt
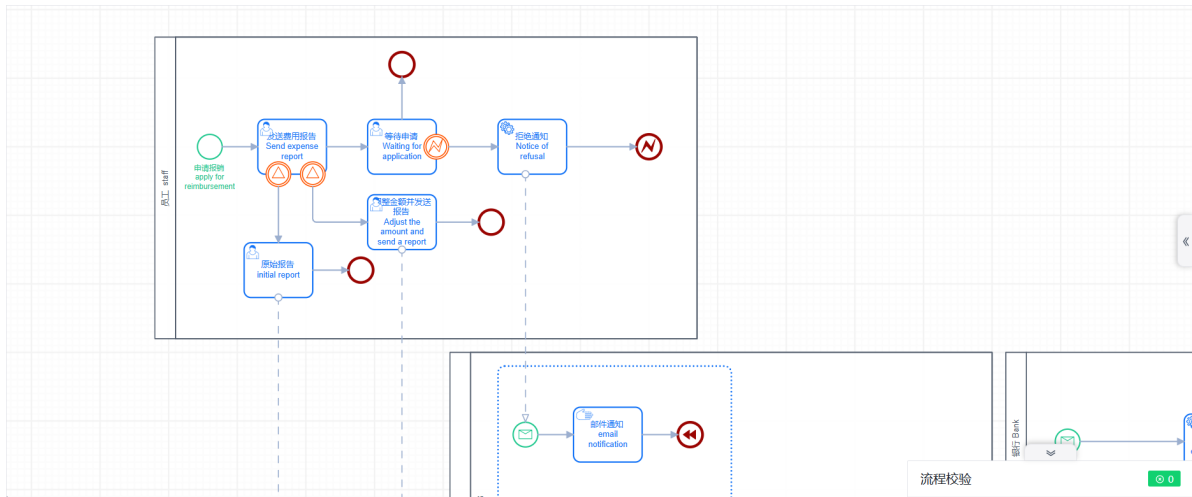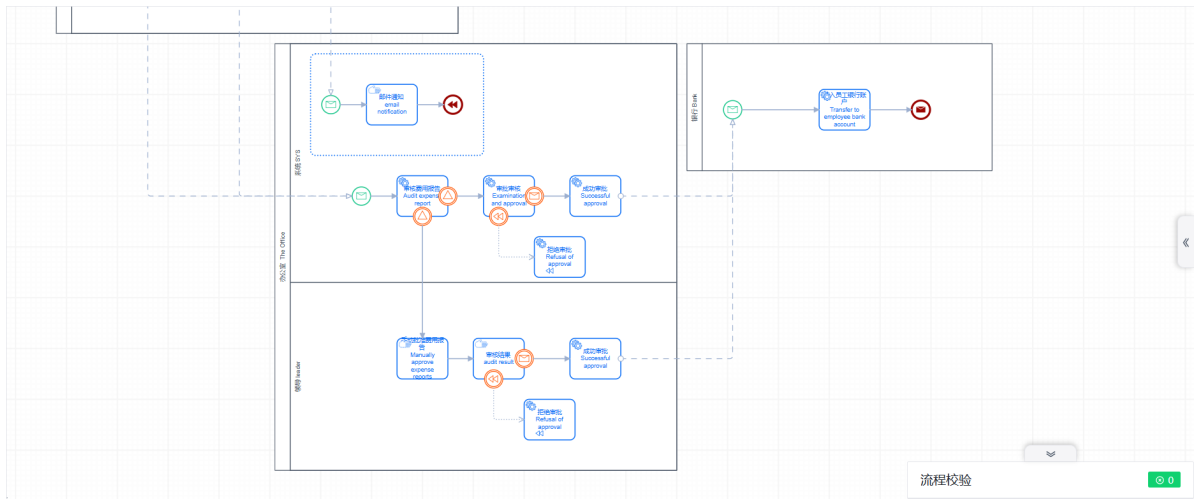
Task3

- Process 1 (Obtaining a Loan):

- Process 2 (Company employee expense reimbursement):

- Process 3 (Handling Customer Complaints):