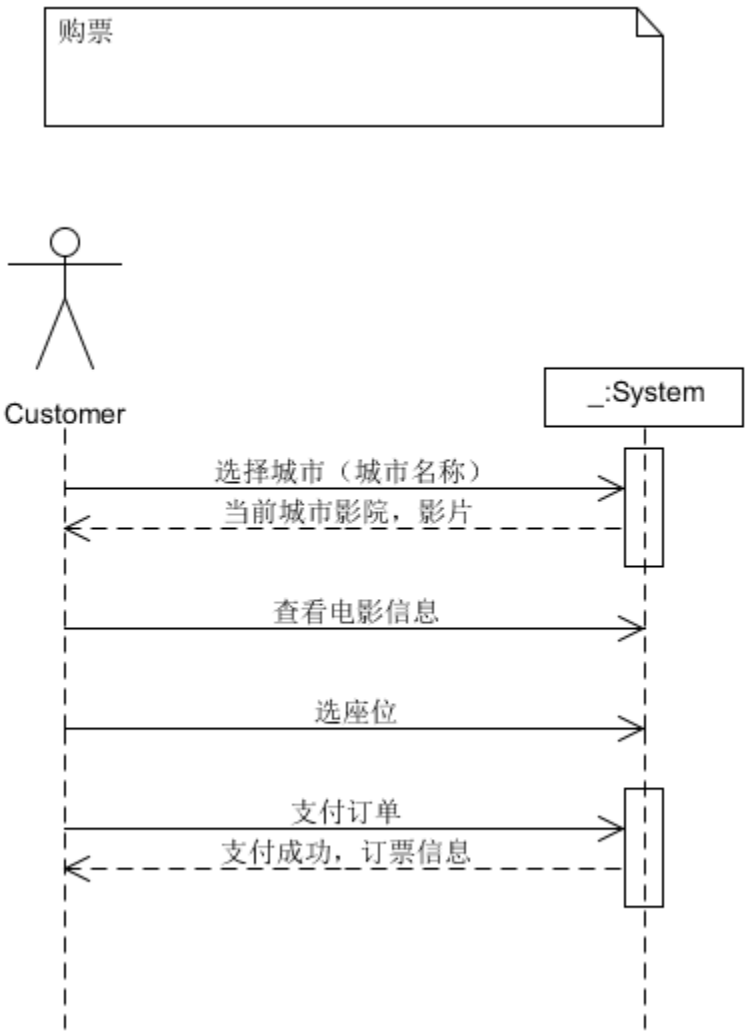
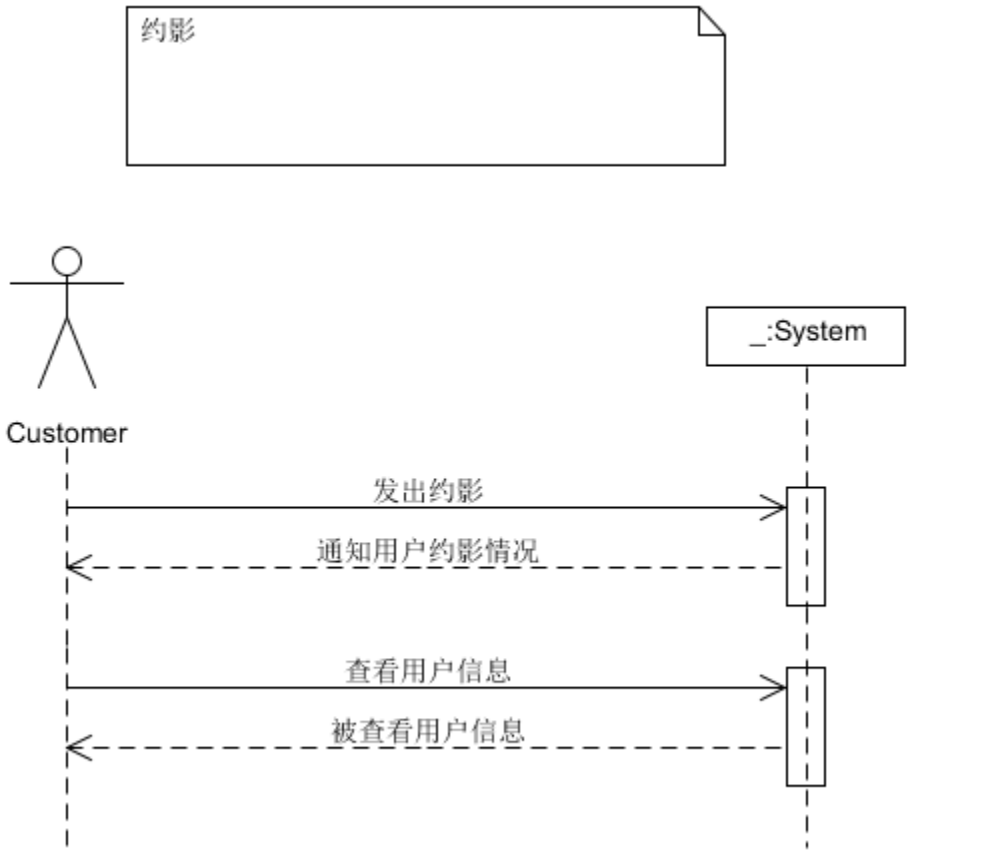
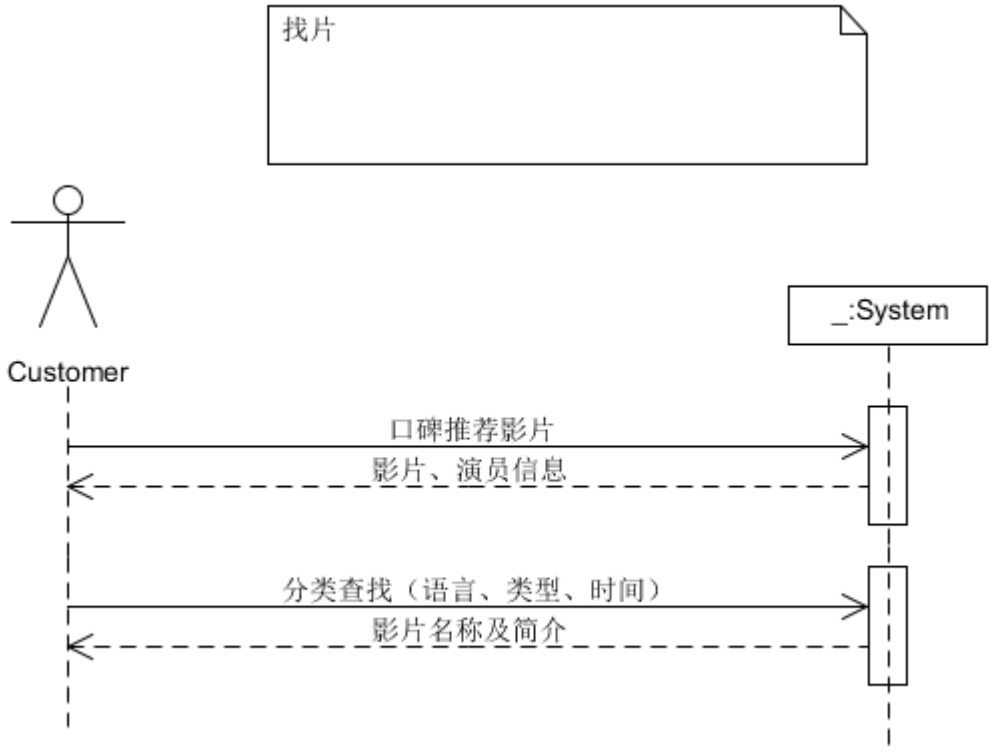
一、3 个用例主场景的系统顺序图



购票


约影
_:System
Customer
发出约影
通知用户约影情况
查看用户信息
被查看用户信息

约影


找片
_:System
Customer
口碑推荐影片
影片、演员信息
分类查找（语言、类型、时间）
影片名称及简介

找片

二、5 个操作契约的后置条件

Operation	Postconditions
makeNewReservation()	1、A Reservation instance r was created (instance creation). 2、r was associated with a movie (association formed). 3、Attributes of r were initialized
endReservation()	Reservation.isComplete became true (attribute modification).
friendsRecommend()	1、A friend instance f was created (instance creation). 2、Attributes of f were initialized
sendMovieDate()	1、A MovieDate instance m was created (instance creation). 2、Attributes of m were defined. 3、m was associated with the movie and the user accepted the movieDate (association formed).
makePayment(amount: Money)	1、A Payment instance p was created (instance creation). 2、p.amountTendered became amount (attribute modification). 3、p was associated with the current Reservation (association formed).