Assignment 2 UML Design

12110644 周思呈

Use Case Diagram
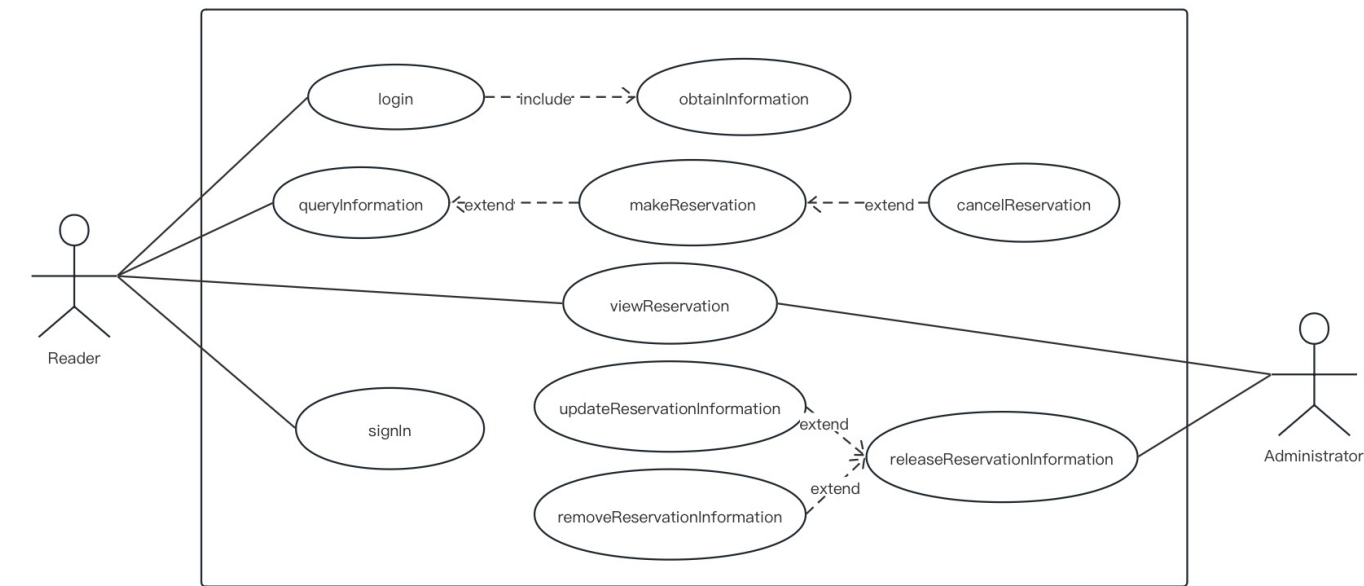
Class Diagram
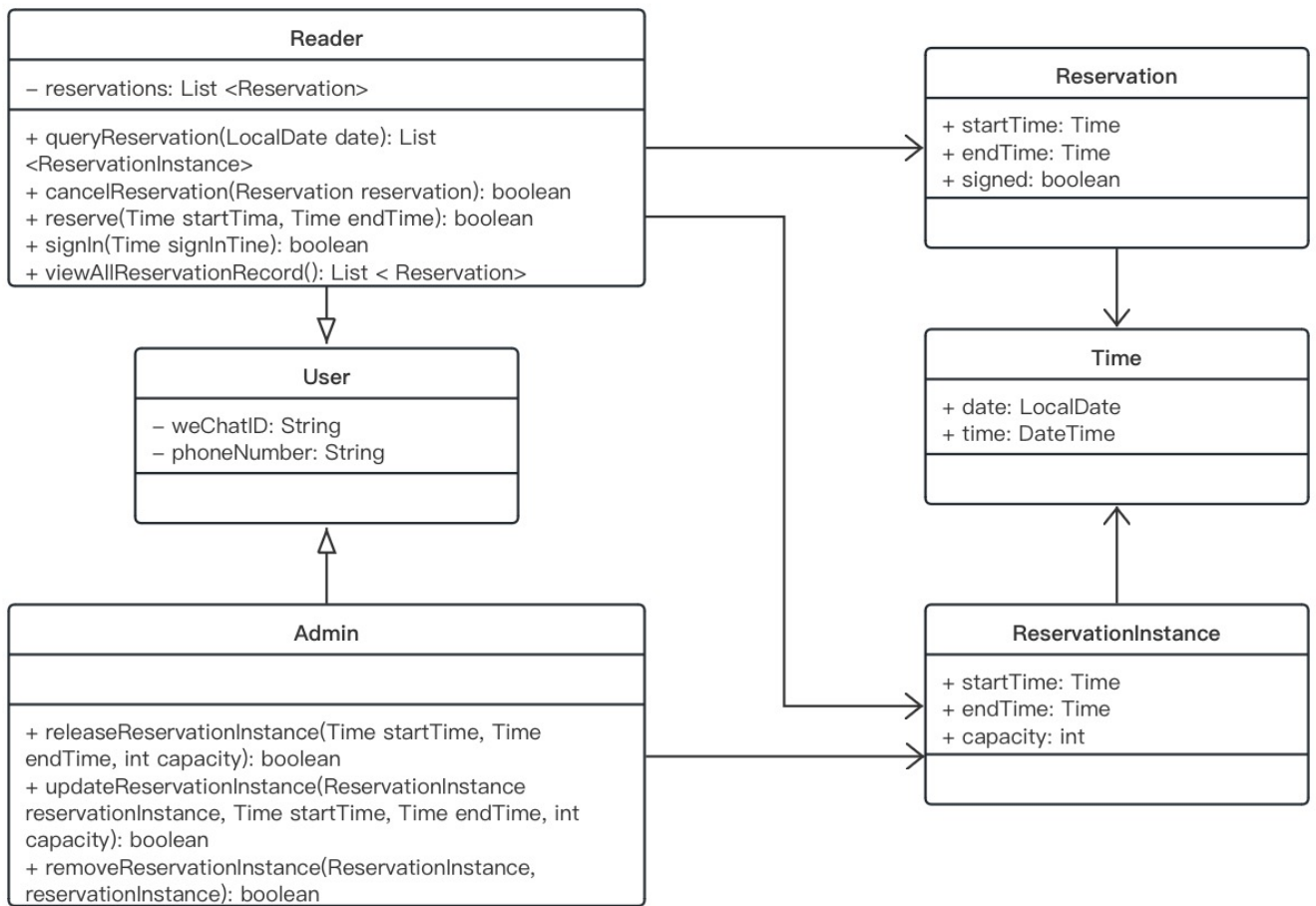
Explanation

Method Name	Arguments	Return Value
queryReservation	LocalDate date	List of ReservationInstances
cancelReservation	Reservation reservation	boolean, whether the reservation is canceled successfully
releaseReservationInstance	Time startTime, Time endTime, int capacity	boolean, whether the reservation instance is released successfully
updateReservationInstance	ReservationInstance reservationInstance, Time startTime, Time endTime, int capacity	boolean, whether the reservation instance is updated successfully
removeReservationInstance	ReservationInstance reservationInstance	boolean, whether the reservation instance is removed successfully
reserve	Time startTime, Time endTime	boolean, whether the reservation is successful
signIn	Time signInTime	boolean, whether the sign in is successful
viewAllReservationRecord	None	List of Reservations