Klass Diagram, Pollux

**Reservation  
System**

-nextNumber : int   
-reservations[\*]: Reservation

innehåller

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\*

+**Get(**) för variablerna  
**+New**(nextNo)  
+**CreateReservation**(Room room, dateTime start, dateTime end, string customerName, string customerTitle, string customerDepartment, string customerAddress, string customerEmail, string customerPhoneNo, string meetingSubject, AvEquipment avList )  
+**AddReservation**(int nextNo, dateTime start, dateTime end, string customerName, string customerTitle, string customerDepartment, string customerAddress, string customerEmail, string customerPhoneNo, string meetingSubject, AvEquipment avList , Room room,)  
+**CheckIfRoomAvailable**(Arraylist rooms, dateTime start, dateTime end)  
+**GetReservation**(string roomName, dateTime start)  
+**GetReservation**(string customerName)  
+**GetReservationSubject**(string meetingSubject)  
**+GetCancelReservationNo**(int reservationNo)  
+**CancelReservation**(int no)  
**+ChangeCustomerInfo**(Reservation myReservation)  
**+AddEquipment**(Reservation myReservation)  
**+RemoveEquipment**(int j, Reservation myReservation)

+CheckIfRoomAvailable()

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**+New**(int reservationNo, dateTime start, dateTime end, string customerName, string customerTitle, string customerDepartment, string customerAddress, string customerEmail, string PhoneNo, string meetingSubject, AvEquipment avList, Room room)  
**+New**()  
**+Get**() för ReservationNumber   
+**Get**() och **Set**() för övriga variabler

+**AddAvEquipment**(AvEquipment avEquipment)

skapas

-reservationNo : int  
-start : dateTime  
-end : dateTime  
-room : Room  
-customerName : string  
-customerTitle : string  
-customerDepartment:string  
-customerAddress : string  
-customerEmail : string  
-customerPhoneNo : string  
-meeting Subject : string  
-avList[\*] : AvEquipment

**Reservation**

**+New**(equipmentName)  
**+New**()  
+**Get**() och **Set**() för variabeln

-equipmentName : string

**AV-Equipment**

**+New**(string roomName, int maxCapacity)  
+**New**()  
**+Get**() för inventory  
+**Get**() och **Set**() för övriga variabler

**Room**

-roomName : string  
-maxCapacity : int   
-inventory [\*] : string

\*  
  
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bokar

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+**New**(buildingName)  
+Get() och Set() för buildingName  
+Get() för rooms  
+**SearchSuitableRoom**(int maxCapacity)

**Building**

-buildingName : string  
-rooms[\*] : Room

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innehar

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