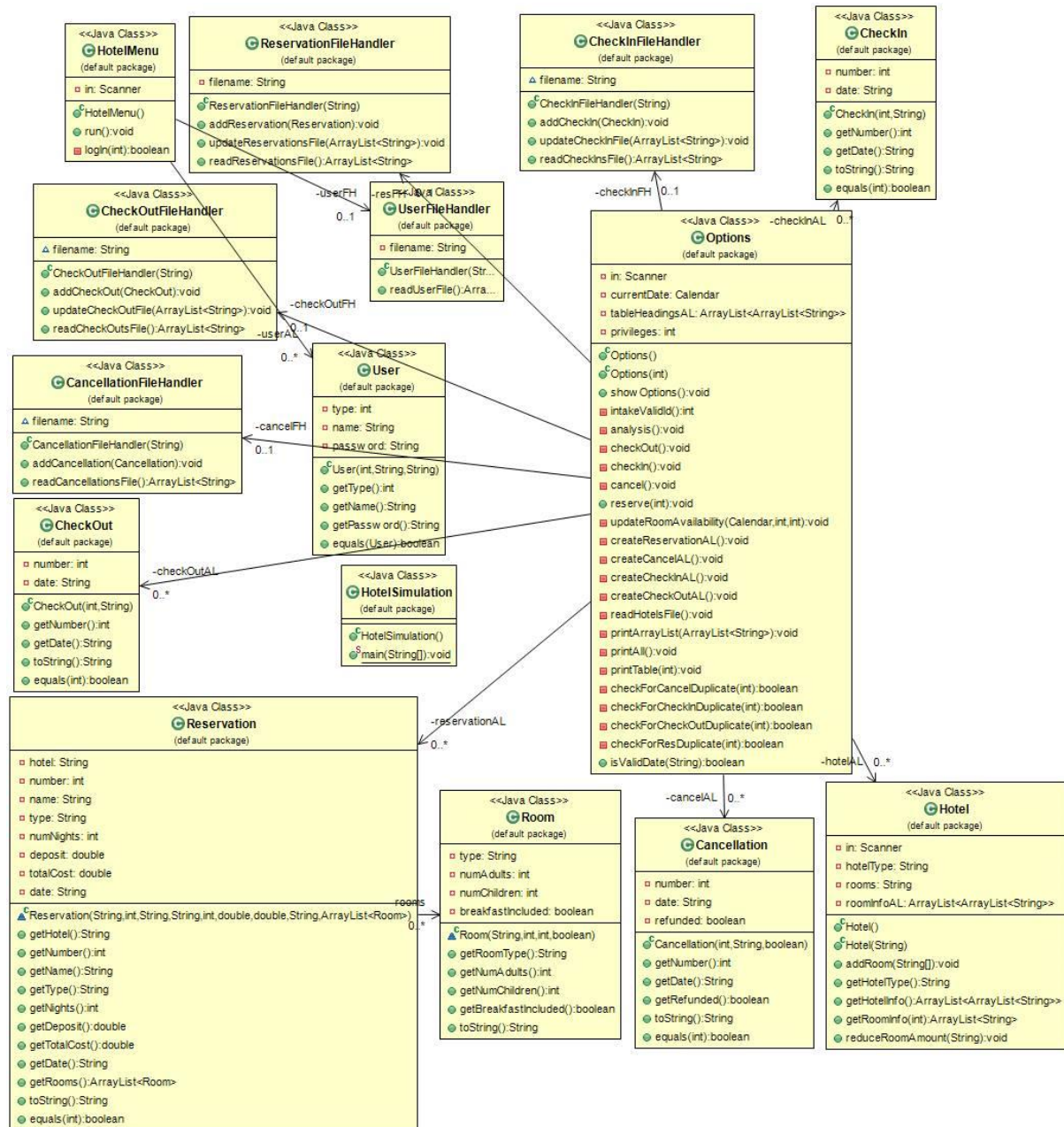


UML Diagram



CRC Cards

HotelSimulation	
<ul style="list-style-type: none">• main	<ul style="list-style-type: none">• HotelMenu

HotelMenu	
<ul style="list-style-type: none">• HotelMenu• run• login	<ul style="list-style-type: none">• User• UserFileHandler• Options

User	
<ul style="list-style-type: none">• User• getType• getName• getPassword• equals	<ul style="list-style-type: none">• HotelMenu

UserFileHandler	
<ul style="list-style-type: none">• UserFileHandler• readUserFile	<ul style="list-style-type: none">• HotelMenu

Options	
<ul style="list-style-type: none"> • intakeValidId • analysis • checkOut • checkIn • cancel • reserve • updateRoomAvailability • createReservationAL • createCancelAL • createCheckInAL • createCheckOutAL • readHotelsFile • printArrayList • printAll • printTable • checkForCancelDuplicate • checkForCheckInDuplicate • checkForCheckOutDuplicate • checkForResDuplicate • isValidDate 	<ul style="list-style-type: none"> • Hotel • Cancellation • Reservation • CheckOut • CancellationFileHandler • CheckOutFileHandler • ReservationFileHandler • CheckInFileHandler • CheckIn

Hotel	
<ul style="list-style-type: none"> • Hotel • addRoom • getHotelType • getHotelInfo • getRoomInfo • reduceRoomAmount 	<ul style="list-style-type: none"> • Options

Cancellation	
<ul style="list-style-type: none">• Cancellation• getNumber• getDate• getRefunded• toString• equals	<ul style="list-style-type: none">• Options

Room	
<ul style="list-style-type: none">• Room• getRoomType• getNumAdults• getNumChildren• getBreakfastIncluded• toString	<ul style="list-style-type: none">• Reservation

Reservation	
<ul style="list-style-type: none">• Reservation• getHotel• getNumber• getName• getType• getNights• getDeposit• getTotalCost• getDate• getRooms• toString• equals	<ul style="list-style-type: none">• Options

CheckOut	
<ul style="list-style-type: none"> • CheckOut • getNumber • getDate • toString • equals 	<ul style="list-style-type: none"> • Options

CancellationFileHandler	
<ul style="list-style-type: none"> • CancellationFileHandler • addCancellation • readCancellationsFile 	<ul style="list-style-type: none"> • Options

CheckOutFileHandler	
<ul style="list-style-type: none"> • CheckOutFileHandler • addCheckOut • updateCheckOutFile • readCheckOutsFile 	<ul style="list-style-type: none"> • Options

ReservationFileHandler	
<ul style="list-style-type: none"> • ReservationFileHandler • addReservation • updateReservationsFile • readReservationFile 	<ul style="list-style-type: none"> • Options

CheckInFileHandler	
<ul style="list-style-type: none">• CheckInFileHandler• addCheckIn• updateCheckInFile• readCheckInsFile	<ul style="list-style-type: none">• Options

CheckIn	
<ul style="list-style-type: none">• CheckIn• getNumber• getDate• toString• equals	<ul style="list-style-type: none">• Options