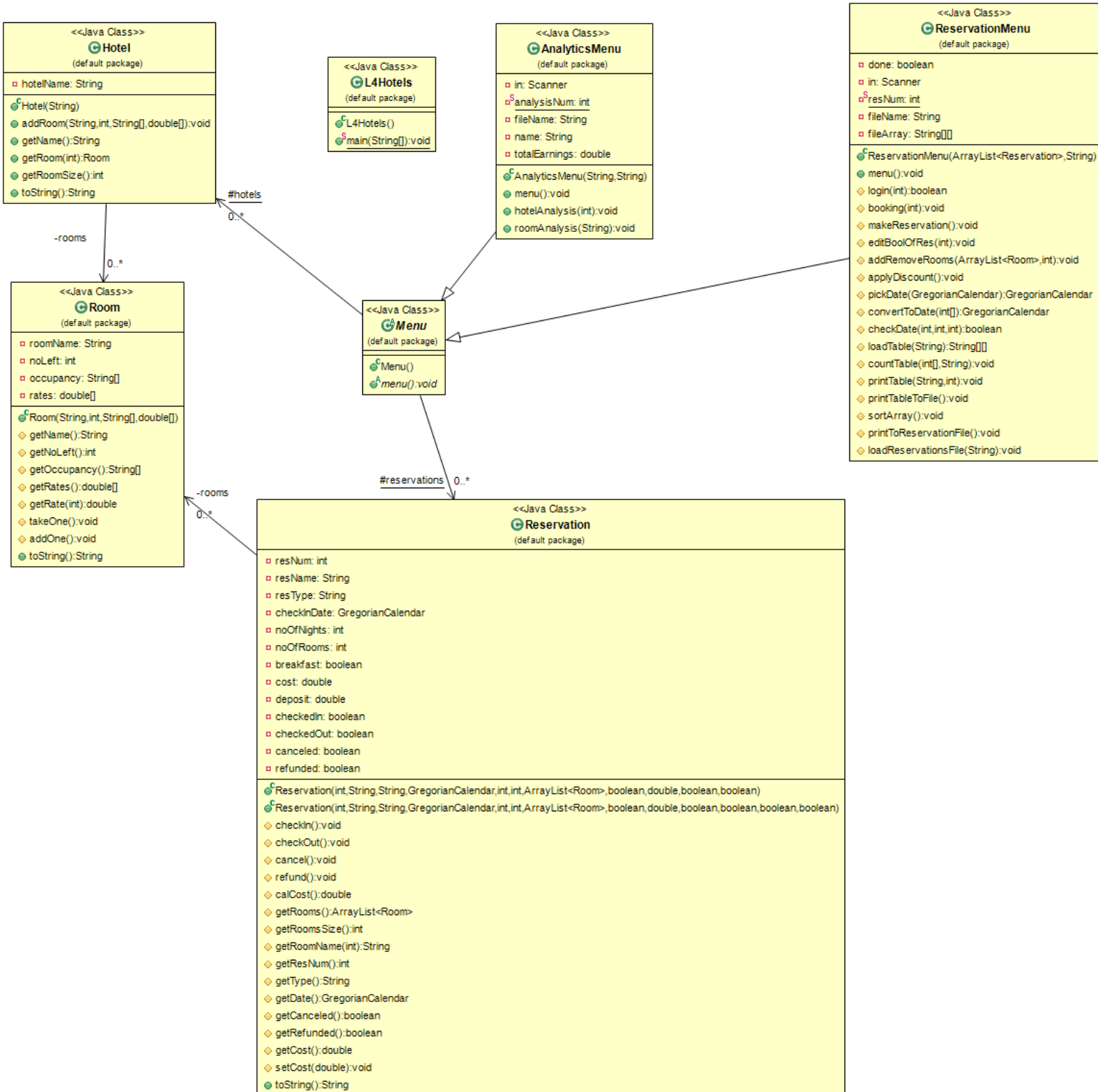


UML:



CRC:

<b>L4Hotels</b>	
<ul style="list-style-type: none"><li>Creates Reservations menu</li></ul>	

Interface	<b>Menu</b>	AnalyticsMenu, ReservationsMenu
<ul style="list-style-type: none"><li>Holds ArrayList of reservations and hotels between menus</li><li>Creates abstract men so all menus must have one</li></ul>	<ul style="list-style-type: none"><li>Reservation</li><li>Hotel</li></ul>	

<b>ReservationsMenu</b>		Menu
<ul style="list-style-type: none"><li>Runs menu for reservations</li><li>Allows user to pick what type they are</li><li>Allows user to make reservation</li><li>Allows user to cancel reservation</li><li>Allows user to check in and out</li><li>Allows user to apply discount to a reservation</li></ul>		

<b>AnalyticsMenu</b>		Menu
<ul style="list-style-type: none"><li>Runs menu for analytics</li><li>Gathers total earnings for a room or hotel</li><li>Prints earnings to user</li></ul>		

<b>Hotel</b>	
<ul style="list-style-type: none"><li>Holds all information for a hotel</li><li>Holds arraylist of rooms</li><li>Can return information when needed</li></ul>	<ul style="list-style-type: none"><li>Room</li></ul>

<b>Room</b>	
<ul style="list-style-type: none"><li>Holds all information for a room</li><li>Return information about room if needed</li></ul>	