COMP212 Assignment Two

Third Party Libraries:

- No third party libraries have been used.
- All of the core functionality has been implemented.
  - Additional enhancements have not been implemented, therefore there was no need for third party libraries.

Testing:

- Debugging:
  - Using phperr.log | tail -n10

- A lot of testing was done along the way.

- Created multiple heuristic evaluations:
1. The first heuristic I created was called Sally. She was a 27 year old touring through New Zealand and wanted to find a nights accommodation at Dunedin Hotel. She wanted to look at the rooms available and select from the 08/01/2016 -> 08/02/2016. For a single room.
2. The second heuristic evaluation was for John and his 5 work colleagues. John's job was to plan a work trip for his small business in Auckland called "Computer Blitz." John wanted to look at rooms from 08/01/2016 -> 08/03/2016. John wanted to be able to pend multiple bookings in one go.
3. The third heuristic evaluation I made was for Tina. Tina is on a block course doing nursing and needs a month's accommodation from the 08/01/2016 -> 08/30/2016. She wants to set up her study material in one room and stay in that room for a whole month. Based on her check in date and check out date she wants to see what rooms are available. (This heuristic evaluation it is based on bookings made in roomsBookings.xml).
4. The forth heuristic evaluation is for the admin. The admin wants to delete Tinas booking (heuristic evaluation 4) . The admin accesses the admin page through admin.php where current bookings are displayed. The admin can enter Tinas name in the name input and click on the submit button, which would remove tinas booking.
5. The fifth heuristic evaluation is for the admin. The admin wants to add a new room as they have extended their premises. The admin can access addRooms.php and fill out the appropriate fields. After the form submission both hotelRooms.xml and roomTypes.xml are updated appropriately.
6. The sixth heuristic evaluation is for the admin. The admin wants to delete a room as they are renovating. The admin can access deleteRooms.php and fill out the

appropriate form based on the room number and click submit which would delete and update the appropriate xml files.

7. The final heuristic is for the admin. The admin wants to edit a rooms attributes from editRooms.php. Based on the room number, the admin can fill in the remainder of the form and update the old rooms details as appropriate.

Issues:

An issue I noticed is that on the admin page when the user inputs incorrect fields and is re directed back from the validateCheckout back to the admin.php page. Some of the inputs in the form are not auto filled based on the session. If I had more time, to overcome the issue of having two forms and having the second form overriding the first forms session I would split the session checkin and checkout date so I could autofill dates on day, month, year for checkindate and checkoutdate.

Second issue if I had time to do this I would have validation on the room number inputs so that only numbers could be input so the user does not enter in incorrect data.