

ST Homework 3

Hotel room booker

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Problem description

Most of the small hotels do not have their own website for booking, and to make a room booking we must call the reception by phone. This takes time and is outdated by today's standards.

Additionally, if we want to find the optimal offer, we have to surf from website to website which could be frustrating.

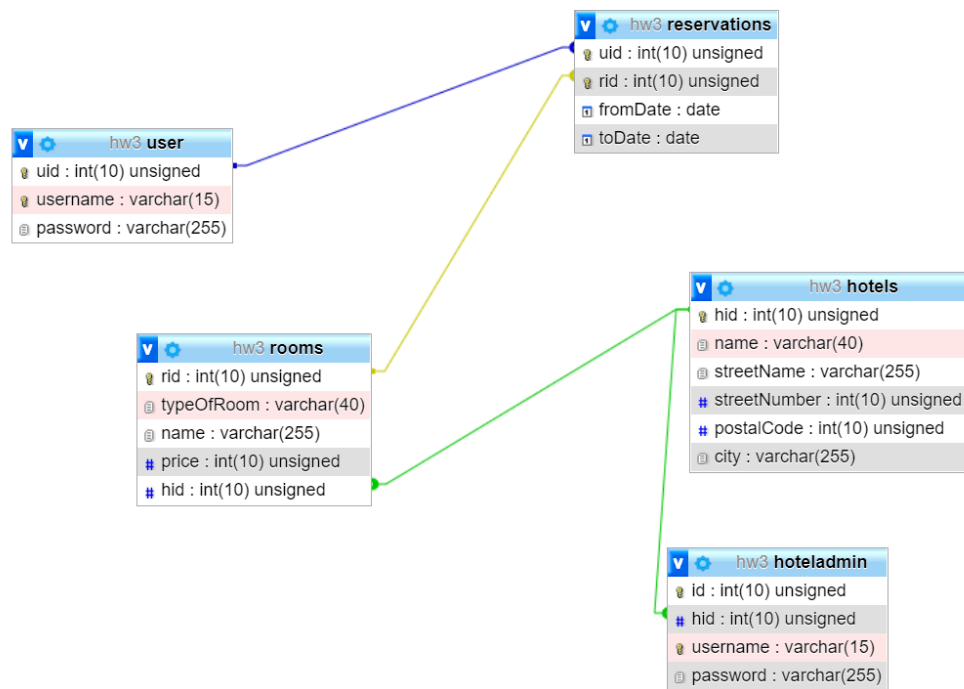
Problem solution

I decided to make a 'Hotel room booking' web application that addresses the problem stated above. We have two types of users: basic customers and hotel admins. The customers first select their booking period, after that the application lists the rooms available in that time period, the clients can then select from the rooms and make a reservation. The page 'My reservations' shows the reservations that the user has made. Reservations can also be cancelled.

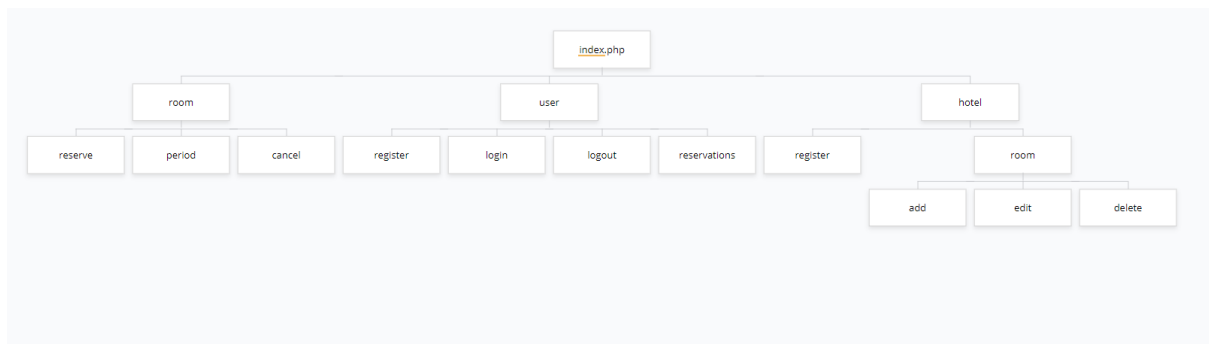
The hotel admins can add new rooms, edit the rooms, and delete the rooms that have no reservations. If any reservations are made, they are displayed in the room detail page. Alongside the room details, a photo of the room could also be added. One hotel can have only one administrator (the one the registers the hotel).

Only registered users can make reservations. For non-registered users, all hotel that are posted rooms are shown.

Database schema



Sitemap



<https://www.gloomaps.com/EofwQq4CDr> -> can be viewed in browser.