



Backend Task - Junior

TECHNOLOGIES:

- Whatever tech stack you use or feel comfortable in
- PostgreSQL \geq 12.0 or SQLite

FUNCTIONALITIES:

- User management (login, logout, password reset...)
- Administrative dashboard for overlooking state of the hotel rooms in the accommodation for receptionists.
 - Dashboard with statistics
 1. Available rooms on today's date
 2. Booked rooms on today's date
- User dashboard for viewing available rooms and booking.
 - A list of available rooms for booking for tourists/users (a room has to have pictures)
 - Filter/search of the rooms by price and/or calendar availability.
- Preload of data fixtures (fake data)
<https://docs.djangoproject.com/en/3.2/howto/initial-data/>
- Custom command for notifying all of the customers who are currently staying in the room with the message of candidate's choice.
Candidates who've booked just rooms but not yet specified the date (or time?) of arrival don't get the messages, only 'on site' notification
- Room numbers need to be specified in advance in the range between 10 and 50.

THE TASK:

To make an app for booking and hotel rooms management in Django.

The app needs to have functionalities listed above.

Good Luck!

Team Kodius.

