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|  | | INTRODUCTION:This report presents a program that allows different user operations on a relational database storing information about hotel chains, their employees, their clients, and the specificities of each of the hotels they own. Depending on the nature of the users, the operations of the programs can be described as follow:   * **Administrator:** - insert, delete, update all information related to customers, employees, hotels, and rooms * **Client:** - Search for rooms, book rooms for specific dates * **Employee:** - Search for rooms and their status (Available | Booked) - Transform booked rooms into rented rooms - Rent rooms without prior booking - Insert customer payment | |  | |
|  | | The Database Management System uses PostGreSQL and the user interface uses Command Line handled by Java programs. The Java programs connect to the Database using JCDB. | |  | |
|  | INSTALLATION GUIDE:Requirements to run this program:  * Eclipse IDE for Java Developer. * Install JCDB driver for PostGreSQL. * Set The installed driver in the build path of Eclipse. * Run.  USER MANUAL For the program to Execute, we run it from the executable file. A console will prompt the instructions:   * You either sign in or create an account as customer or employee. * All the possible operations will be shown by typing “/help”. * Select the option you want. * Follow the instructions and fill the required fields.  QUERIES The following queries are the answers of question 8: | | | |  | |  |