

MasterControl

I decided to do a database project, specifically a hotel management system. The name of the hotel management system will be MasterControl. When looking at colleges I was thinking about cyber security and hotel management. Hotel management has to run everything from employees, to sales, to room availability, to housekeeping, to food, and security. There are many aspects that need to be controlled by hotel management. Because there are so many categories, it can get a bit disorganized and out of control. The problem is that the hotel cannot be run properly due to the disorganization and confusion with so many categories. My idea is to make one database that provides all of the information for the administration to make their lives easier. I would create an organizer that displays an outline of the rooms on each floor, it would be green if available and red if being used. When you click on each room, if being used it will come up with the customers information and date of departure. If not used there will be a format to complete the customers information. When the customer checkouts it will come up with a warning to make it known that the rooms are needed for cleaning. The customer information will consist of name, phone number, choice of payment, price of room, and then all of the extra expenses. For example, food or spa. The database will also provide if the customer has paid or not. There will also be a login for employees to see their schedule and work hours. Additionally, there a people in charge of each category who will have a specific login to control the system. The head employees need to be able to remain in good contact with everyone in order to create a well run hotel. The database will be either postgre or netbeans. The job of the database is to provide one area for hotel management to use as opposed to using multiple databases providing confusion.