Office Space Optimization

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The main goal of this study is to design and implement a relational database that can be useful to those in the IT industry who often prefer working from home to attending in person. Working from home is now considered the new norm due to the phase of COVID and is preferred by all employees. Companies that pay a lot for leasing will further benefit because they can now pay less than before by occupying only small spaces. By providing employees with proper space requirements, this application can help reduce costs.

The goal of developing this new system is to fully automate the process while considering the database integration approach. For an employee to reserve a desk, it is more like the assigned workspace itself contacts the employee to inquire about availability of the desk based on their preferences for the desired time slot.

In today's pandemic-stricken world, where software industries like GoldmanSachs play a key role, employees usually prefer to work from home instead of visiting the workplace in person because the benefits are undoubtedly financial. Offices overspend on unused jobs, which seriously depletes morale in the company.

To solve this problem, our "Optimization of Office Space" project can help reduce costs by allocating enough space for employees to be placed in the right places during the working day.

More precisely, the employee is informed about the availability of the office by the assigned workspace.

The worker should have enough space to schedule work for the time slot they choose. This saves the company money on energy costs and at the same time saves employees' time. They created a database and put it into operation.

The following instructions must be followed:

1. The administration of adding a company to the portal is the responsibility of the administrator to manage workspace.

2. Each user can reserve a cubicle or conference room for a specified period.

3. Each business must submit an application for registration on the portal.

4. The buildings table contains data on leased or owned buildings by companies.

5. Each user can have only one account which is only under their company email ID.

6. Booking details are stored along with duration and booking ID.

7. The database must also update the allocated cubicles/conference rooms that are already there.

taken over and should update the new times available.

8. One user can have multiple reservations.

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Milestone: Project Proposal, Conceptual Modeling, etc

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