

Katorse Hotel Reservation System

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Agenda

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Solution

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System Security Features

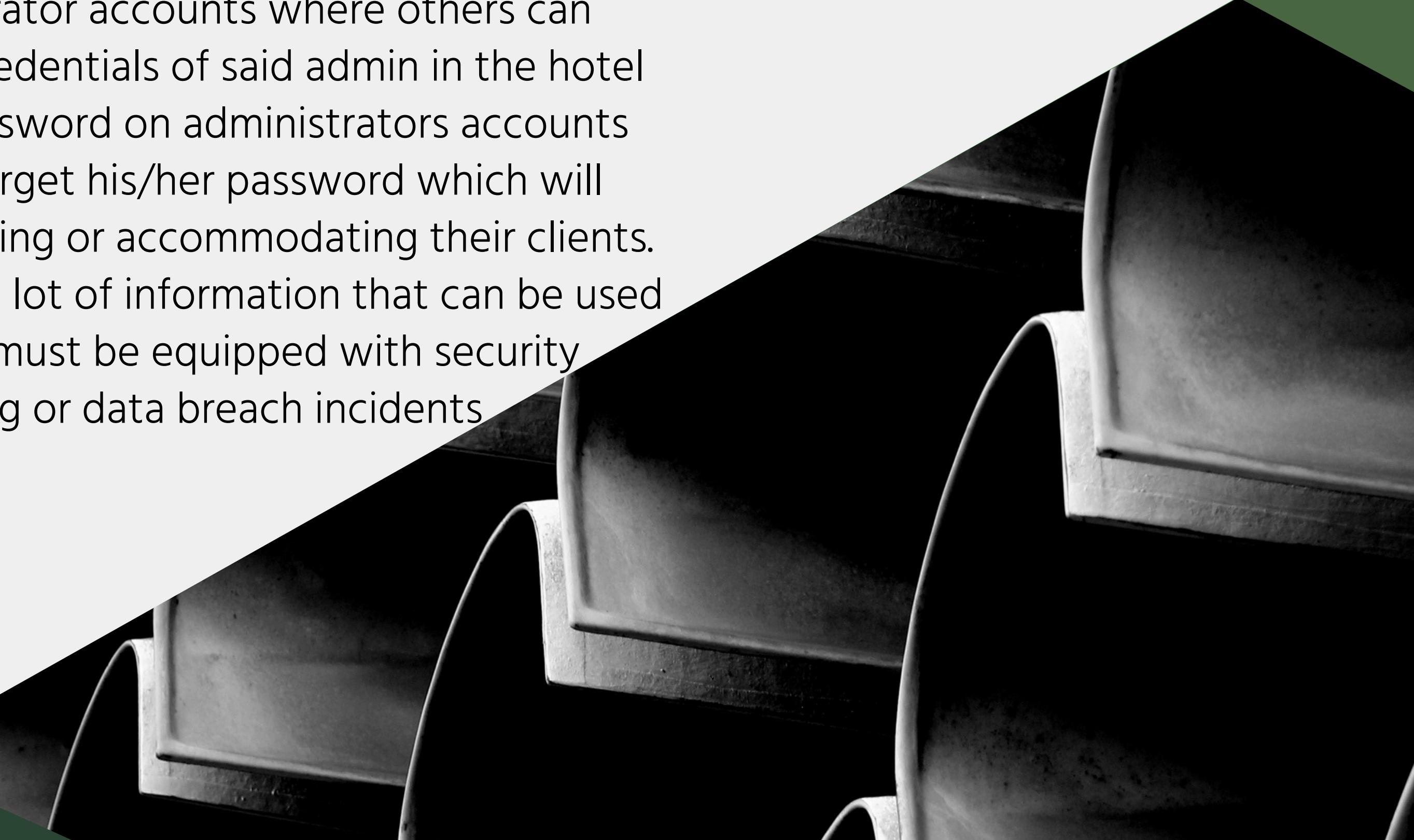
OVERVIEW

Katorse Hotel Reservation System are dealing with a security system shortage, which is one of the most critical aspects of the hotel. A security system is necessary because it can secure data and ensure that it is safe from data breaches, hacking, and other hostile acts. The primary goal of this project is to create a reservation system that is associated with a security system and analytics in order to adapt the present system to the new project that will help hotels.



PROBLEM

The problem addressed by the proponents is the security issue on accessing the administrator accounts where others can access if they know the credentials of said admin in the hotel and the forgetting the password on administrators accounts because the admin may forget his/her password which will affect the delay in processing or accommodating their clients. Because a hotel contains a lot of information that can be used by others for bad work, it must be equipped with security features to prevent hacking or data breach incidents in the organization.





SOLUTION

The identified solution by the proponents is to create a two-factor authentication so that there will be security for each admin access because it will ask for a code that the admin will use to enter the account which is linked to his personal number so that only he can know, so no one else can access it. Another solution is to put a security question when the admin forgets his password. It has modules that can recover the password and change it as long as the security questions provided by the system are answered. On the other hand, the created reservation system is also fully functional and it shows consistency in issuing reports and keeping every transaction with clients efficient.

OBJECTIVES

The main objective of the project is on the following:

- Secure login for administrators
- Recover accounts
- Prevent data breaches
- Avoid inconsistency in reservation system

SYSTEM SECURITY FEATURES

- •Two-factor authentication
- •Encrypted password
- •Security questions

SYSTEM PRESENTATION

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