ABSTRACT

Problem Statement: - Society Security Management System

Group ID: - 5

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Problem Description: -

As we known that in modern days security is one of the most important factors when it comes to managing or maintaining peace in a society, this can be done by not allowing any unauthorised visitors from entering the society premises without permission of the owner or the security guard.

Shield Guard applications are designed to simplify the process of managing visitors in a society, including delivery persons, maids, relatives, and other types of visitors. By using a Shield Guard application, societies can improve security, streamline the check-in process, and provide a better experience for their visitors. It can help societies keep track of who is in the society at any given time and ensure that only authorized visitors are allowed in.

Keywords

Security, Authentication, Authorization, Privacy.

Objectives: -

Here are some common features of these applications that can be used to manage visitors:

Pre-authorization: Most visitor management applications allow societies to pre-authorizevisitors by entering their details in the system before they arrive. This can help speed up the check-in process and improve security by ensuring that only authorized visitors are allowed into the society.

Access control: The software should enable access control measures to ensure that only authorized personnel have access to sensitive areas, data, and systems.

Surveillance and monitoring: The software should provide real-time monitoring of the organization's premises, assets, and systems to detect any security breaches.

Visitor passes: Visitor management applications can generate visitor passes that can be printed or displayed on a mobile device. These passes can include details such as the visitor's name, photograph, and the purpose of the visit.

Check-in/check-out: Once a visitor arrives at the society, they can check-in using the visitor management application. The system can record the check-in time and generate a pass or send a notification to the resident they are visiting. When the visitor leaves, they can check-out using the same system, which helps keep track of who is in the society at any given time.

Notifications: Some visitor management applications can send notifications to residents when their visitors arrive. This can help residents prepare for the visit and ensure that theyare available to receive their visitors.

Reporting: Visitor management applications can generate reports that provide insights intovisitor activity. This can include details such as the number of visitors per day, the averagevisit duration, and the most frequent visitors.

Protection of personal information: The software should be designed to protect the personal information of individuals, including their names, addresses, and other sensitive data.