



Industry: Real-Estate

Deliverables: Web App, Mobile App, Web Portal, Hardware Integrations etc.

Technology: MVC, C#, Angular 2.0 and SQL

Country: India

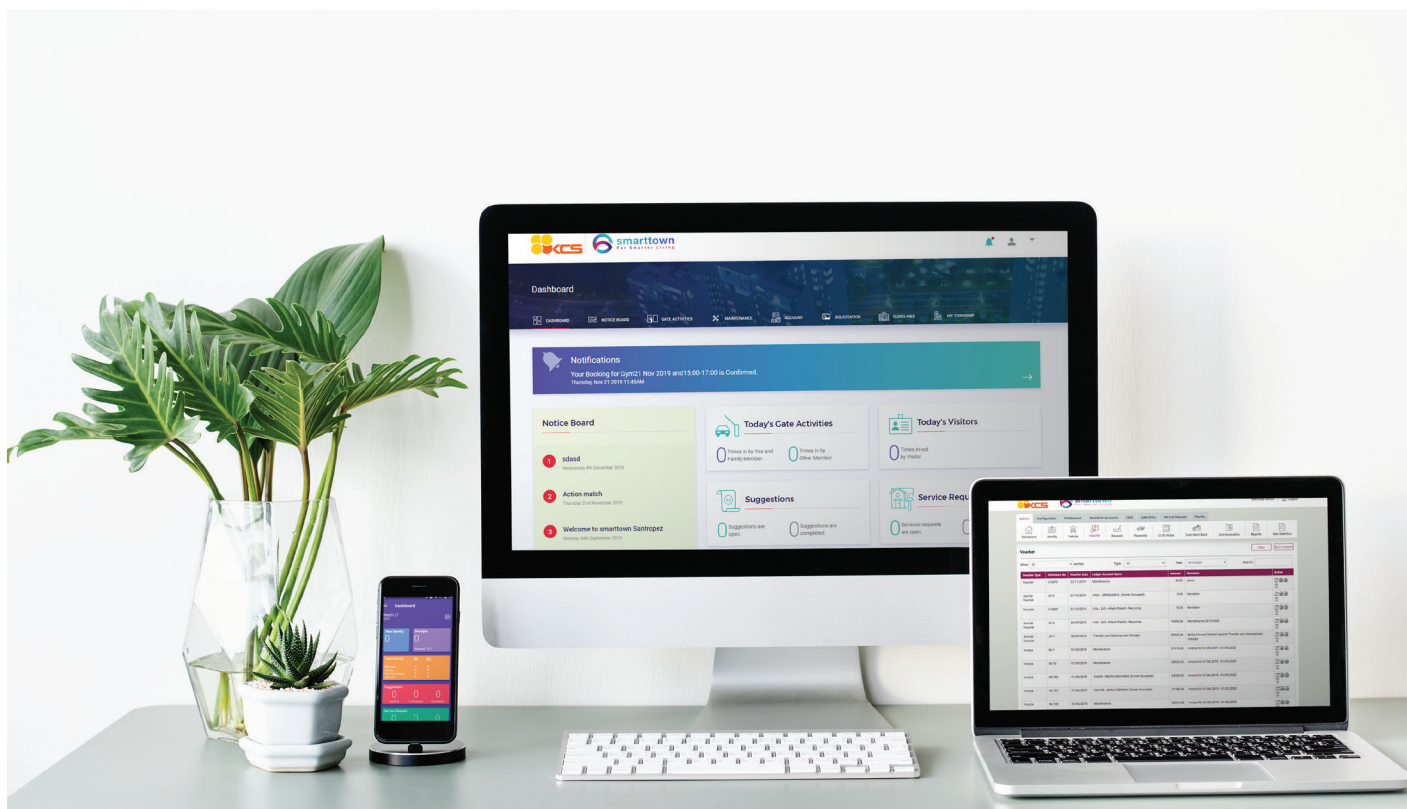
Project Goal:

- The main goal was to build a personalized software solution that could meet at the needs of the housing society in a cost-effective manner.
- To build a highly reliable solution that could automate almost every task with utmost accuracy.
- Render a solution with reliable data security on one hand, and deploy hardware for top-end security of the housing-society.

Challenges:

- Manual process of maintaining accounts, member directories, bills, reports, tracking vehicles etc. was full of errors, time and money consuming.
- Critical requirement for 24/7 uptime in communication system, members management and operations management.
- Lack of a proper society management system resulted in delayed process that were full of errors.
- CRM was a quite a challenge where managing the complaints or tracking any due maintenance was difficult and had to be done manually which ultimately increased the costs.
- High need for a greater control over reliability with a powerful management & monitoring tool.

“Delivered a best-of-the-breed society management solution – SmartTown to help housing society manage their daily operation on their fingertips. Our solution not only offered utmost accuracy, reliability and high-security to the users but also simplified their tasks in a cost-effective way while saving time.”



Solution

The client was in need of a robust system to help them operate complex society operations efficiently.

After extensive testing and working in conjunction with the society, KCS introduced **Smart Town mobile and web app** to the managing committee as well as members of the housing society and also launched portal, website while installing best-of-breed hardware and security solutions.

The professionals at KCS specifically designed digital solution to enable the housing society manage all the activities under one single application. Also the solution was designed in such a way that the system could be extended to provide any new township-specific modules.

Our Solution – SmartTown is robust enough to support multiple types of authentication like smart cards, handprint readers, fingerprint readers, etc., and is designed to be secure and tamper-proof with respect to the dates.

The entire digital transformation was carried out in several phases:

- **Hardware Installations**
- **Software Development**
- **Software Deployment**
- **Backend Support Services**
- **Website Design & Management Portal design**
- **IT Infrastructure Management**

KCS took the challenge of installing applications, provided service packs and code deployment via remote control over the network. Installing hardware was quite a daunting task which KCS could accomplish within a short span of 4 months along with device integration facility.

A team of 15 dedicated offsite engineers, as well as 1 onsite engineer, was assigned to provide 24x7 backend services and support for smooth functioning of the software.

The solution didn't require a big investment. On the other hand, the entire system was implemented and installed in the housing society in merely 20 days.

Our Smart Society Management Solution - Smart Town is an integrated self-sustaining township management system which has helped the township reduce the dependency on human resources and increase accuracy.

Features:

- Security Management
- Facility Management
- Accounts and Data Management
- Social Collaborations
- Visitors Management
- Vehicle Management
- Service Requests and Complaints
- Billings & Receipts
- Events Management
- Daily Notifications
- Identity and Access Management

Hardware Integrations

- Gate Control System – **12 units**
- LAN Based Thumb Reader – **22 units**
- Boom Barrier with photo-sensor – **2 units**
- POS Machine – **2 units**
- Server – **1 unit**
- Antivirus
- Bio Fingerprint reader
- UHF reader with inbuilt controller
- RFID reader as well as RF tags on 4 wheelers

Result:

- Easy visitor management by digitally tracking their entry and exit
- World-class security management with installation of unique LAN based thumb reader at all 22 doors in the society
- Integrated hardware, network and software system enabled the members receive updates from anywhere, anytime on the go
- Elevated management of the township using simple, economical, and easy to implement solutions.
- It streamlines housing management activities with amazing features like facility management, accounting & data management as well as community collaboration.
- The solution simplified the management of users, visitors, vehicles, member tenets and documents.
- Quick Complain Resolution was one of the greatest benefits experienced by the client.
- The members at housing society could generate e-bills, maintain society bills, make online payments as well as systematically manage accounting operations and data just at one click.
- The solution enabled the members to easily share thoughts, give opinion via poll, get event updates or notices, view pictures of the past events and much more.

Smart Town is one of the first totally integrated online society management system which automates the gate access, amenities access and much more with most advanced technical systems. Implementing automated solution has brought transformation in the managing pattern of client's housing society with orderly, refined services and with qualitative improvement in the management of day-to-day affairs.



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