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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Security** | **Robustness** | **Response Time** | **User Interface** | **Communication** | **Cost** | **Device Orientation** |
| Smart Education System : Korean Government |  |  |  |  |  |  |  |
| Smart Traffic System : Korean Government |  |  |  |  |  |  |  |
| Data center temperature monitoring with ESP8266 based Wireless Sensor Network and cloud based dashboard with real time alert system |  |  |  |  |  |  |  |
| A Cloud-Based Car Parking Middleware for IoT-Based Smart Cities |  |  |  |  |  |  |  |
| Waste Management as an IoT-Enabled Service in Smart Cities |  |  |  |  |  |  |  |
| [An IoT based reference architecture for smart water management processes.](https://www.researchgate.net/profile/Ramon_Alcarria/publication/282307190_An_iot_based_reference_architecture_for_smart_water_management_processes/links/573d737c08aea45ee841b257.pdf) |  |  |  |  |  |  |  |
| IoT Considerations, Requirements, and Architectures for Smart Buildings—Energy Optimization and Next-Generation Building Management Systems |  |  |  |  |  |  |  |