

Apartment Management System

Full automation System to control Lighting Air Conditioning power Management and all fancy devices

Company:
Residential
Application

Location: Qnairer

Country: Lebanon

REQUIREMENTS of the customer:

- Control of all lighting, Jacuzzi, shutters, Sockets and major home appliances through a reliable control system with the ability of the manual override in case of any failure.
- The main task was to design the electrical system aligned with the automation system to include one tablet for local control within the apartment and a mobile application for local and remote access over the internet.
- One of the challenges was to switch from full auto mode to manual mode keeping the Controller out of intervention playing all the control from the conventional local switch and pushbuttons for all lighting equipment as well as shutters.



Solution
Partner

SIEMENS

Automation
Drives

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BENEFIT of the customer:

- Customer has benefits from the auto and manual mode at the same time by overriding the auto mode when needed or keeping the full auto mode with application control as well as local control. Application is able to create scenes as per client requirements, monitor power consumption play media and movies from the HDD Library...
- Maintenance Cost is reduce due to the high availability of the system, knowing that conventional electrical components were used, non sophisticated and found in the local market.



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