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(57) Abstract :

The present disclosure relates generally to smart home control system. More specifically the present disclosure relates to a system for adjusting the size of a room. The system (100) includes one or more sensors (102), a microcontroller (104), an IoT gateway (106), a power source (108), a motor driver unit (110), a motor unit (112), one or more movable walls (114) and one or more IoT devices (116). The movable walls (114) are slidably fixed to a ceiling of a room using a track system. The movable walls (114) of the room can be moved automatically by adjusting forward or backward to decrease or increase the size of the room by the motor unit (112) on receiving input from the microcontroller (104). Advantageously the present invention relates to a system for adjusting the size of a room using movable walls and movable IoT devices such as furnitures.

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