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(57) Abstract :
An elevator control system, comprising a plurality of motorized sheave 201s coiled with rope 202 connected to counterweight 203 and elevator cabins 104 developed for transporting individuals between floors, a proximity sensor 101 installed in landing door frames 102 to detect user presence, a control unit linked to these sensor 101 to manage call buttons and activate load sensors in cabins 104, a user interface within a primary computing unit allowing users to input weight for optimal cabins 104 selection, a holographic projection unit 105 that guides users to appropriate standing positions, a first imaging unit 106 that captures images of individuals in distress or with disabilities for priority access, and a second imaging unit 107 within each cabin 104 for monitoring passenger conditions, while also including capabilities to identify suspicious behaviors and communicate wirelessly with secondary computing units to enhance security and operational efficiency.

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