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(57) Abstract :

This invention presents an advanced attendance device (102) equipped with health monitoring capabilities and alcohol detection for granting entry into a building. The device features a display screen (202), a keypad (204) for user input, and a plurality of sensors (206) to capture signals related to health parameters such as oxygen level, body temperature, blood pressure, pulse rate, and alcohol level. A sanitization unit (210) emits short bursts of UV rays to disinfect the sensors. A controller (208) analyzes the sensor data, identifies the user, and compares the health parameter values and alcohol level against predefined thresholds stored in a database (108). If abnormalities are detected, an alert signal is generated, allowing for prompt action.

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