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(57) Abstract :
The present invention relates a system (100) and method (200) for smart disease grading and health monitoring using AI and IoT. The system (100) comprises a thermal camera (104), an aura camera (106), a plurality of sensors (108), a data storage unit (110), an analyzing unit (112), a central processing unit (114), an alert generating unit (116) and a display (118). The method (200) and system (100) provide information to the doctors about the severity of a patient's illness upon entering the hospital and automatically schedule an appointment with the concerned doctor, giving the highest priority to the person who really needs it. The based on the output received from the thermal camera (104), artificial intelligence (AI) can easily classify the severity of illness and send an alert to the doctor with patient details including disease symptoms & anxiety levels. The system (100) can also be used in both the public and private sectors and can be provided to them at a cheaper cost.

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