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(57) Abstract :
The present disclosure relates to an apparatus 100 for detecting medical abnormalities such as pulmonary diseases, COVID, asthma, pneumonia, lung infection, and etc. in a person using X-ray images of chest of the user. The apparatus 100 includes an input unit 102 to obtain X-ray images of the user from external devices, or in a physical form, also the input unit 102 configured to capture X-ray images using X-ray machine provided with the apparatus 100. Upon reiving X-ray images, by applying deep learning algorithms, medical abnormalities detected and displayed on a display unit 124. Additionally, medical abnormalities found in the body of the user stored on a server 206, from where entities such as hospitals, medical practitioners, and family members may access the information remotely for regular monitoring of patients and timely medication.

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