

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202121037944 A

(19) INDIA

(22) Date of filing of Application :21/08/2021

(43) Publication Date : 12/11/2021

(54) Title of the invention : A MACHINE LEARNING AND IOT BASED SYSTEM FOR INCORRECT POSTURE DETECTION

(51) International classification :A61B0005000000, G06K0009000000, H04L0012240000, G06N0020000000, G06K0009620000  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No :NA  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

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(57) Abstract :

A machine learning and IOT based system created which helps in detecting posture of an individual and providing valuable feedback to prevent Upper Cross Syndrome. Using Machine Learning techniques key points present in the upper part of the body are detected. An alignment is established which helps in tracing the movement of the upper body. Data provided in the datasets and its parameters provide necessary information which helps in detecting whether the posture is considered as proper or improper. A web application plays a vital role in providing information regarding the irregularities in posture. This data is transferred to a web application which provides detailed analysis regarding an individual's posture.

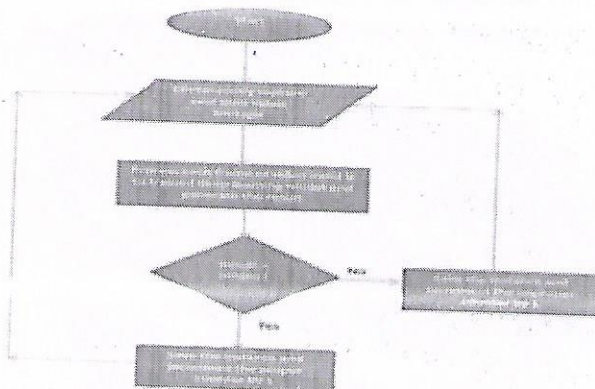


Figure 1

No. of Pages : 10 No. of Claims : 2