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(57) Abstract :

A dance practicing device, comprising a platform 1 with multiple suction cups 2 arranged underneath the platform 1 to hold the platform 1 with surface, a computing unit to specify the type of dance, an IoT (Internet of Things) module associated with device to determine the data according to user specified dance type, a holographic projector 3 to visualize the posture of user's body, an image capturing module 4 to determine height of user, a laser sensor 5 to detect the length of user's leg, multiple plates 6 arranged on a sliding arrangement 7 positioned on the platform 1 to slide the plate 6 according to the determined position, a to alert the user about the wrong steps performed by the user and a touch sensor 9 configured on each plate 6 to detect the presence of the user's leg on specified plate 6.

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