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(57) Abstract :

A depression diagnosing and treatment kiosk, comprises of a chair 103 embedded with pressure sensors to confirm user seating, an AI-enabled camera 102 integrated with AI and ML protocols to analyse multimodal data, a plurality of physiological condition sensors including HRV sensor and EEG sensor 105 to monitor vital parameters and brain activity, an AI voice assistant embedded in an integrated speaker 104 to engage the user empathetically and assess tone and emotional content, a depression treatment therapy module including a drawing therapy arrangement to engage the user in drawing to lower the stress, a meditation therapy arrangement to enhance the relaxation experience, and a yoga therapy arrangement with a motorized spool 115 deploying a yoga mat 114 for performing yoga for immediate effect to calm the stress or depression and a 3D holographic projector 116 providing guided yoga instructions for stress reduction.

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