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(57) Abstract :

The present invention discloses a wearable device system comprising a headset (24) and a wristband (26) configured to track employee engagement metrics (30) in real-time. The system monitors verbal activity, heart rate variability, stress indicators, and movement data. These inputs are processed by a cloud-based module using machine learning algorithms to evaluate engagement levels and burnout risks. The invention enhances workplace productivity and well-being through actionable insights delivered via a companion application and enterprise dashboard.

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