

# Strategic Artificial Intelligence (AI) Delivers Comprehensive Physical, Mental, & Emotional Health/Wellness Assessments

*Autonomous Artificial Intelligence (AI) Improves Itself*

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EINPresswire.com/ -- Due to the drastic increase in remote work options stemming from the current COVID-19 pandemic, organizations have become increasingly more concerned about their employees' health and wellness. In March 2020, the Center for Artificial Intelligence Research at [Apollos University's Information Technology Department](#) created an AI-based self-

managing Cognitive Emergency Management System (CEMS) to address the risk to its human resources and operations which contributed to its business continuity. The medical component was designed to identify and communicate risk cases of COVID-19 for the university's global staff and faculty members.



Dr. Nischal Chandra

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*Dr. Nischal Chandra, Chair, IT Department & Chief AI Officer*

Since then, under the strategic leadership of its reinforcement learning system, the CEMS has self-organized and evolved into the Health and Wellness Management System (HWMS). Besides COVID-19, it identifies likelihood of cancer, diabetes, periodontitis, caries, mental illness, and emotional intelligence. The HWMS is a single AI system utilizing cloud, microservices, and container technologies to deliver scalability and performance.

The Chief AI Officer and IT Department Chair, Dr. Nischal Chandra states, “The HWMS will continue to learn about other risks and deliver not only comprehensive/integrated assessments

but also seek correlations among them.”

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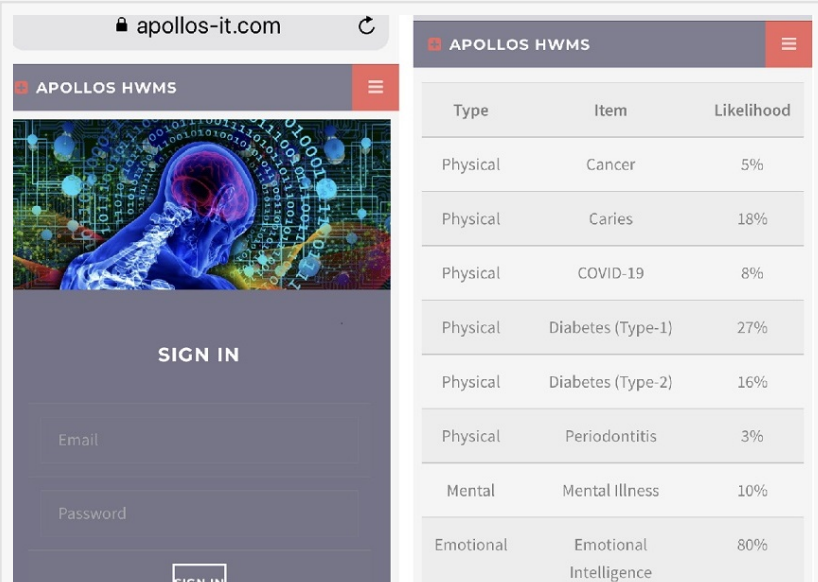
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Type	Item	Likelihood
Physical	Cancer	5%
Physical	Caries	18%
Physical	COVID-19	8%
Physical	Diabetes (Type-1)	27%
Physical	Diabetes (Type-2)	16%
Physical	Periodontitis	3%
Mental	Mental Illness	10%
Emotional	Emotional Intelligence	80%

HWMS



Apollo University Seal

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