



**UTS and AI Medi Scan Collaborate
on Innovative Blockchain-Based Melanoma Data Management Project**



AI Medi Scan, an Australian company aiming to improve skin cancer diagnosis, is partnering with University of Technology Sydney (UTS) researchers to develop a blockchain-based melanoma data management system that can securely capture, store, and share patient information and images.

Australia faces one of the highest rates of melanoma worldwide, with the demand for dermatological services far exceeding supply. With only around 600 dermatologists nationwide, long wait times for appointments often leave many individuals without timely access to critical skin care.

The project, titled 'Blockchain-based Melanoma Data Management', will leverage cutting-edge blockchain technology to address critical challenges in melanoma diagnosis and patient data management. By integrating artificial intelligence (AI) with blockchain, the platform will streamline the diagnostic lifecycle and support specialists in decision-making.

AI Medi Scan's vision extends beyond individual diagnostics. The company is actively working on expanding the technology's applications and integrating it with broader healthcare services. Future initiatives include a national risk profiling program, developed in collaboration with industry partners and government, aiming to prioritise and support vulnerable populations across Australia.

By leveraging advanced AI, blockchain, and cloud systems and potentially fluorescence imaging, AI Medi Scan aims to deliver a comprehensive solution for at-home skin cancer detection, improving accessibility, efficiency, and accuracy in managing this critical health issue.

In recognition of its innovative approach, AI Medi Scan has garnered several prestigious awards in 2024. These include the Gold Winner at the Titan Health Awards in the "Future Innovation Design Digital Health" category, as well as Silver Winners at the French Design Awards and the NY Product Design Awards in various technology and healthcare categories.

Statements from Representatives

Nada Atetallah Alghanmi and Professor Farookh Khadeer Hussain, UTS Representative, also the leader of the AI Medi Scan project expressed enthusiasm for the collaboration: "This partnership with AI Medi Scan exemplifies UTS's commitment to advancing healthcare through innovative technologies. We are excited to contribute our expertise in blockchain and AI to enhance melanoma data management and improve patient outcomes."



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Haoyuan Ma, Founder of AI Medi Scan Pty Ltd, highlighted the project's significance: "Melanoma is a major health concern in Australia, and this project represents a significant step forward in addressing the diagnostic challenges faced by specialists. By integrating AI and blockchain, we aim to provide a secure and efficient solution for managing patient data and supporting clinical decisions."

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About UTS

The University of Technology Sydney (UTS) is a leading public research university located in Sydney, Australia. UTS is known for its innovative approach to education and research, fostering partnerships with industry leaders to drive advancements in technology and society.

About AI Medi Scan Pty Ltd

Founded By Haoyuan MA in 2020, AI Medi Scan is dedicated to revolutionizing skin cancer detection through innovative health technology solutions. Partnering with leading institutions like the University of Technology Sydney, the company leverages advanced AI and imaging technologies to create accessible, efficient diagnostic tools that empower individuals to proactively manage their health.



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