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Genecare, Jupiter Chain to provide secure online genetic profiling platform

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Genetic testing is the core of preventive healthcare. Clients must first understand their genetic makeup to lower the risks of developing an illness or disease. A leading ASEAN company, Genecare, is one genetics testing company that allows clients to better understand their risks. The company makes use of whole genome sequencing to detect a client's genetic variance and susceptibility to diseases or abnormalities.

Once ready, the results will be uploaded onto Genecare's app called NexTx. It contains medical professionals and lifestyle service providers who offer precise and targeted advice based on the client's genetic profiling for preventive healthcare consultation.

For example, medical experts will offer customised medical recommendations, while lifestyle service providers, such as fitness clubs, can create tailor-made exercise plans based on the client's genetic makeup. The providers will then be able to input their observations and recommendations into the client's profile.

The NexTx technology reduces time to track down information across different systems. However, as convenient as this may sound, there are widespread concerns about privacy since any form of medical data is highly sensitive. To address these worries, Genecare is working with Jupiter Chain to enable blockchain technology for NexTx's ecosystem.

Jupiter Chain is a smart, consentable data platform that allows users to maintain data privacy by encrypting their data and requiring consent before other parties can access the necessary information to perform big data analytics.